



# **Phase I Environmental Site Assessment**

**Orange Grove Project Site  
San Diego County, California**

*Prepared for*

**J Power USA Development Company, LTD  
Schaumburg, Illinois**

*Prepared by*

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## EXECUTIVE SUMMARY

TRC Solutions, Inc. (TRC) was retained by J Power USA Development Company, LTD (J Power) to conduct a Phase I Environmental Site Assessment (ESA) at the property owned and occupied by San Diego Gas and Electric (SDG&E), 10300 block of Pala Road (SR-76), Assessor's Parcel Numbers (APN's) 110-072-26 and 110-370-01, unincorporated San Diego County, California (Subject Property). A historical investigation and site inspection of the Subject Property were performed by TRC in accordance with the requirement of American Society for Testing and Materials (ASTM) E 1527-05 Standard Practice for Phase I ESAs.

The property is approximately 54 acres and has been owned by SDG&E since 1970. Currently, approximately 1% of the property is occupied with buildings (including storage sheds) and 3% of the Subject Property is covered by impervious cover. Approximately 7% of the property is developed land that contains pervious cover, such as gravel. Approximately 40% has been developed with agriculture, specifically citrus trees. The remaining 50% of the Subject Property is currently undeveloped. A portion of the property (approximately 5%) is currently being used by SDG&E as a substation, and a smaller portion (also approximately 5%) is being used as a residence for the site's caretaker. See site photos in Appendix C for details.

There are two pole mounted transformers located within the citrus grove portion of the Subject Property. According to Jeffery Sykes, SDG&E Land Management Supervisor, no hazardous chemicals are stored or used onsite, and to his knowledge, no hazardous chemicals have ever been generated or stored onsite. The citrus orchard is not currently being maintained, and Mr. Sykes reported that although herbicides/pesticides could have been used on the trees and/or grounds at one time, nothing had been applied in at least the last 5 years.

TRC's Phase I ESA performed in conformance with the scope and limitations of ASTM Practice E 1527-05 revealed no evidence of Recognized Environmental Conditions in connection with the property except, based on the presence of the two pole mounted transformers located onsite and past potential herbicide/pesticide use in the citrus orchard, limited soil sampling is recommended. Limited soil sampling is also recommended in the residence/storage areas and storage sheds for the presence of petroleum and hydrocarbon-containing compounds.

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## **1.0 INTRODUCTION**

### **1.1 Statement of Purpose**

TRC Solutions, Inc. (TRC) was retained by J Power USA Development Company, Ltd. (J Power) to conduct a Phase I Environmental Site Assessment (ESA) at the property occupied by San Diego Gas and Electric (SDG&E), 10300 block of Pala Road (SR-76), APNs 110-072-26 & 110-370-01, unincorporated San Diego County, California (Subject Property). This Phase I ESA has been prepared by TRC in accordance with American Society for Testing and Materials (ASTM) E 1527-05 *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* and is intended for the sole use of J Power. The purpose of this assessment is to identify *Recognized Environmental Conditions (RECs)* as defined in the ASTM E 1527-05 standard, in connection with the property.

### **1.2 Scope of Investigation/Services**

This Phase I ESA consisted of the following tasks:

- Site reconnaissance.
- Description of historical site conditions.
- Interview with Jeffery Sykes, SDG&E Land Management Supervisor.
- Review of environmental database and regulatory agency records.
- Preparation of a report summarizing findings, opinions and conclusions.

### **1.3 Limitations and Exceptions**

Below are listed limitations and exceptions with this Phase I ESA.

#### **1.3.1 Accuracy and Completeness**

TRC makes no guarantees as to the accuracy or completeness of information obtained from others. It is possible that information exists beyond the scope of this investigation or that was not provided to TRC. Additional data subsequently provided, discovered, or produced may alter findings or conclusions made in this Phase I ESA report. TRC is under no obligation to update this report to reflect such subsequent information. The findings presented in this report are based upon the information reasonably available and

observed site conditions at the time of this assessment. Conditions may have changed since that time and the findings and conclusions of this report are not meant to be indicative of future conditions at the Subject Property. This report may not be relied on by any party other than the client with whom TRC has contracted to prepare this report.

### **1.3.2 Warranties and Representations**

This report does not warrant against: (1) operations or conditions that were not in evidence from visual observations or historical information obtained; (2) conditions that could only be determined by physical sampling or other intrusive investigation techniques; or (3) locations other than the client-provided addresses and/or legal parcel description or information on off-site locations (with possible impact on the Subject Property) not published in available records.

### **1.3.3 Continued Validity/User Reliance**

This report is presumed to be valid for a period of 180 days from its completion, until J Power obtains specific information that may materially alter a Finding, Conclusion or Opinion in this report, or until J Power is notified by TRC that it has obtained specific information that materially alters a Finding, Conclusion or Opinion in this report.

### **1.3.4 Exceptions to the ASTM E 1527-05 Practice**

Limited conditions included the inability to access SDG&E's current substation located to the southwest of Pala Del Norte Road, a storage area (former Cal Tech facility and current caretaker's residence) located just northeast of the intersection of Pala Del Norte Road and Highway 76, two locked storage structures located approximately 75 feet south of the storage area, and approximately 20 acres of the northern portion of the Subject Property situated on steep, undeveloped, rocky terrain. The identified limited conditions did not significantly affect TRC's ability to identify current or historic recognized environmental conditions at the Subject Property.

### **1.3.5 Significant Assumptions**

TRC assumed that all information pertaining to the Subject Property provided in interviews with the current owner's representative and in historical information obtained from standard sources was as accurate and complete as possible.

## **2.0 SITE DESCRIPTION**

Below are listed site descriptions by category.

### **2.1 Site Location and Legal Description**

The Subject Property is identified by APNs 110-072-26 and 110-370-01 and is located on the 10300 block of Pala Road (SR-76), unincorporated San Diego County, California. Figure 1 shows the general vicinity of the Subject Property.

### **2.2 Site and Vicinity General Characteristics**

Entrance to the Subject Property is provided by Pala Del Norte Road, which intersects with SR-76 approximately 3 miles northeast of I-15 and continues on northeast of the Subject Property. The Subject Property is approximately 54 acres in size. The Subject Property occurs on an alluvial fan surface that slopes southward at an average grade of approximately 10 percent. The Subject Property layout is presented as Figure 2 in Appendix A. The San Luis Rey River runs roughly parallel to SR-76 approximately 0.25 mile south of the Subject Property.

### **2.3 Current Uses of Property – Description of Structures, Roads, and Other Improvements**

Pala Del Norte Road bisects the southern portion of the Subject Property, with the current substation located southwest while the current storage/site caretaker housing facility and citrus orchard are located to the northeast. The current SDG&E substation located on the south end of the Subject Property was originally constructed in approximately 2003 and has been in operation since that date. The current substation facility is surrounded by 12-foot concrete walls and is flanked by a small, paved parking pad and access driveway leading off of Pala Del Norte Road. The current storage/site caretaker residence was originally built in 1979 by California Institute of Technology (Cal-Tech) to test passive solar technologies. The storage area contains five small structures, approximately 15 feet by 15 feet, and is surrounded by wood thatched chain link fences on three sides. An unpaved access driveway and parking area is located just southwest of the storage facility and connects to Pala Del Norte Road opposite the access driveway for the current substation. The citrus groves are located in the middle of the Subject Property and do not appear to be maintained. There are two orchard fans in poor condition located in the citrus grove. These orchard fans appear to have been utilized to prevent the citrus trees from freezing during cold weather. Plastic irrigation pipes are visible running through the

orchard, as well as water/hose connections, however, the pipes and connections do not appear to be in use. The northern and western portions of the Subject Property are currently undeveloped.

#### **2.4 Current Uses of Adjoining Properties**

There are three private residences located northeast of the Subject Property while the areas north and west of the subject property are currently undeveloped. An inactive aggregate quarry is located on the south of the Subject Property, between SR-76 and the San Luis Rey River. An ornamental nursery is located approximately 0.50 mile southeast of the Subject Property.

### **3.0 USER PROVIDED INFORMATION**

#### **3.1 Title Records**

The Title Report was reviewed and the parcels that comprise the Subject Property are currently vested in the United States of America and San Diego Gas and Electric Company. A copy of the Title Report is included in Appendix D.

#### **3.2 Environmental Liens or Activity and Use Limitations**

TRC retained Environmental Data Resources (EDR) to conduct a search for environmental liens imposed on the Subject Property. No environmental liens were in existence (Appendix B).

#### **3.3 Valuation Reduction for Environmental Issues**

Not applicable.

#### **3.4 Owner, Property Manager, and Occupant Information**

The entire Subject Property is owned and operated by SDG&E. SDG&E has owned the property since 1970. A site caretaker currently looks after a portion of the Subject Property for SDG&E and the Pala Substation is maintained by SDG&E personnel.

## **4.0 RECORDS REVIEW**

The following sections summarize information obtained through a review of available historical and environmental records.

### **4.1 Mandatory Standard Physical Setting Source**

To determine the topographic characteristics of the site and vicinity, TRC reviewed the United States Geological Survey (USGS) 7.5 Minute Topographic Map for the “Pala, CA” Quadrangle dated 1988 and utilized Google Earth Pro (2007) virtual globe. The Subject Property is positioned on the toe of a small, gently sloping, southeast trending alluvial fan, which is located along the northwestern edge of the San Luis Rey River alluvial channel. The San Luis Rey River channel runs southwest through the rugged Palomar Mountain complex of the Peninsular ranges. The Subject Property is located at an average elevation of approximately 380 feet above mean sea level (msl). Approximately 0.9 mile to the north an unnamed peak sits at approximately 1,460 feet, and approximately 1.2 miles to the southeast an unnamed granitic peak reaches over 1,840 feet.

Figure 1 in Appendix A includes the 2000 USGS “Pala, Bonsall, Temecula, and Pechanga, CA” Quadrangles.

### **4.2 Discretionary and Non-Standard Physical Setting Sources**

Discretionary and non-standard physical setting sources reviewed included only the Google Earth Pro (2007) virtual globe.

### **4.3 Standard Environmental Record Sources**

A computerized radius search of State and Federal environmental record databases was performed to investigate sites with known adverse environmental conditions that have the potential to impact the site and surrounding vicinity. The search was performed pursuant to ASTM Standard E1527-05 using an electronic database search by EDR. A copy of the results of the database search, entitled The EDR Radius Map with GeoCheck® Report, is contained in Appendix B.

### **4.3.1 Subject Property**

The Subject Property was not identified in the database report as a listed site. TRC also evaluated properties within the vicinity of the site to determine if those sites were likely to have a potential environmental impact on the Subject Property.

### **4.3.2 Adjacent Properties**

No properties within the ASTM-standard search distances were identified in the database report as listed sites.

### **4.3.3 Orphan Sites**

TRC identified 19 Orphan Sites that could potentially be located near the Subject Property, however, there was not adequate information to map the Orphan Sites. As a result, the potential impact, if any, by these sites cannot be assessed.

## **4.4 Topographic Map Review**

Six USGS topographic maps showing the project vicinity were obtained and reviewed for information concerning historical activity on or adjacent to the Subject Property:

- 1904 60 Minute Topographic Quadrangle
- 1947 15 Minute Topographic Quadrangle
- 1950 7.5 Minute Topographic Quadrangle
- 1968 7.5 Minute Topographic Quadrangle
- 1982 7.5 Minute Topographic Quadrangle (photorevised from 1968)
- 1988 7.5 Minute Topographic Quadrangle (photorevised from 1968)

The 1904 map shows the majority of northwestern San Diego County. The Subject Property is not visible as the map scale is 1:250,000. The region is predominantly undeveloped and the nearest development visible is the town of Fallbrook, approximately 8 miles west of the Subject Property. The Pala Indian Reservation is visible just east of the Subject property.

The 1947 topographic maps shows SR-76 in its present day location. Several roads intersect with SR-76 east and west of the Subject Property. Pala exhibits some

development as several buildings are now visible 2 miles west of the Subject Property. The Subject Property remains undeveloped.

The 1950 topographic map shows little change from the previous map. A few small buildings are now visible along SR-76 within the vicinity of the Subject Property. Pala has increased in size and The San Diego Aqueduct is now visible running north-south, approximately 0.50 mile west of the Subject Property. The Subject Property remains undeveloped.

The 1968 topographic map shows the Subject Property has been developed into an orchard. A cluster of small buildings is now visible approximately 0.8 mile southeast of the Subject Property along SR-76.

The 1982 topographic map shows a small building on the Subject Property. Pala Del Norte Road is now visible bisecting the Subject Property immediately west of the orchard and heading north to the summit of the 1,460 foot unnamed peak. A rock quarry, with new access roads, is visible just south across SR-76. Several other quarries are located along the San Luis Rey River alluvial channel. A cluster of small buildings is positioned approximately 0.8 mile southeast of the Subject Property along SR-76. A new road, running north from SR-76, and several small buildings are now located at the head of Gomez Creek canyon.

The 1988 topographic map shows no change to the Subject Property, and very little change to the immediate vicinity. The quarry, just south across the SR-76, has greatly increased in size.

#### **4.5 Aerial Photograph Review**

TRC reviewed aerial photographs (see Appendix B) of the Subject Property and vicinity from 1939, 1946, 1953, 1963, 1976, 1989, 1995, and 2002.

- The 1939 aerial photograph shows the Subject Property as vacant with no structures. Highway 76 appears running east-west of the Subject Property. The surrounding properties also appear to be vacant.
- The 1946 aerial photograph shows some agriculture (orchard) development on the Subject Property, and a few buildings to the east along Highway 76. Otherwise, the surrounding properties appear to be vacant.

- The 1953 aerial photograph does not show significant changes from the previous photograph.
- The 1963 aerial photograph shows a small building just southwest of the Subject Property, south of Highway 76. Otherwise no significant changes are apparent from the previous photograph.
- The 1976 aerial photograph shows more development (roads, ponds) at the site of the quarry located south of the Subject Property. A small structure, and an access road leading to it, are shown on the southwest portion of the Subject Property.
- The 1989 photograph shows Pala Del Norte Road running north-south, bisecting the Subject Property. Otherwise, there is no significant change from the previous photograph.
- The 1995 photograph shows a substation in existence to the east of Pala Del Norte Road. Some of the ponds at the quarry to the south of the Subject Property appear to be filled in.
- The 2002 photograph shows little change from the previous photograph. The substation to the southwest of Pala Del Norte road appears to have increased in size. The quarry to the south of the Subject Property shows development of ponds onsite again. The nursery appears to the east of the Subject Property. The general area remains undeveloped.

#### **4.6 Sanborn Fire Insurance Map Review**

Sanborn Fire Insurance Maps for the Subject Property did not exist (Appendix B).

#### **4.7 City Directories**

A city directory search was reviewed by TRC (Appendix B). The Subject Property was not listed in the city directories.

## **5.0 SITE RECONNAISSANCE**

### **5.1 Methodology and Limiting Conditions**

The site was inspected visually on April 6, 2007, between approximately 9:30 AM and 12:00 PM PDT by Joshua Taylor of TRC. Weather conditions for the inspection were overcast and cool. Photographs taken during the site visit are contained in Appendix C.

Limiting conditions included the inability to physically inspect the current substation, storage facilities, two small storage structures, and the steep undeveloped terrain located on the north end of the Subject Property.

### **5.2 Observations**

The Subject Property is comprised of an unmaintained citrus orchard, an electrical substation, a storage facility/site caretaker residence, and undeveloped land. Pala Del Norte Road cuts across the Subject Property running north-south and providing access for the Subject Property. The citrus orchard is currently in a very degraded condition, the individual trees appearing black and withered. There are two orchard fans in poor condition located within the citrus orchard, one located on the far eastern portion of the orchard and the second located on the western portion of the orchard. Each fan was located adjacent to electrical transmission lines that were utilized to power the fans. The western fan was still physically connected to the transmission line while the eastern fan was not. Both transmission poles had control boxes/meter housings located approximately 2 feet off of the ground.

The electrical substation (Pala Substation) is surrounded by concrete walls approximately 12 feet high with sturdy wooden gates on both the east and west ends. There is a paved access road leading from Pala Del Norte Road to the Pala Substation. There is also a gravel access road that runs along the south end of the Pala Substation. The substation was locked and access was not available.

The storage facility/caretaker residence is accessed by way of a gravel road that connects to the base of Pala Del Norte Road, opposite from the Pala Substation access road. There are five small, square structures within the storage facility perimeter, approximately 15 feet by 15 feet. The storage facility is surrounded by a chain link fence that has wooden board attached on the south, east, and west sides. There are two aboveground storage tanks (ASTs) located on the west end of the storage facility that appear to be utilized for

water storage. One is constructed of corrugated steel and the other is black plastic. Both tanks have white plastic piping connected to them. The same type of white plastic piping is also present in the orchard and was used for irrigation. There are materials storage piles, refuse piles, old cars and farm equipment, and at least six rusting 55-gallon drums also located within the storage facility. The drums appeared to be on pallets but labels were not seen. The storage facility has a locked gate on the west side and two dogs were present within the storage facility at the time of the site reconnaissance. The storage facility was locked and access was not available.

Located approximately 75 feet south of the western end of the storage facility were three small storage structures. The first storage structure was a metal storage container that was locked. The other two were wooden storage sheds, one of which was locked. The unlocked wooden storage shed was empty. The remnants of two vehicles were observed located approximately 75 feet south of the western end of the storage facility, adjacent to the three small storage structures. Various refuse items, including a paint can and wood planks, were scattered around the storage structures.

Refuse piles were observed on the west end of the Subject Property, located between Pala Del Norte Road and the citrus orchard. These refuse piles are comprised of mainly wood, but include other items such as car tires and paper wastes.

There is a natural drainage creek located on the eastern portion of the Subject Property. The drainage bisects the eastern portion of the citrus orchard and did not contain any water at the time of the site reconnaissance.

The northern portion of the Subject Property is comprised of steep hillside grass and scrub terrain that is currently undeveloped and showed no signs of past development.

### **5.2.1 Current Uses of the Property**

The Subject Property is currently used for the operation of the Pala Substation and for limited materials and equipment storage, as well as a residence for the site's caretaker. No hazardous materials or wastes are produced onsite.

## **5.2.2 Past Uses of the Property**

Based on the review of aerial photographs and topographic quadrangle maps, the Subject Property was not developed until after 1939, and has been used primarily for agriculture. The substation to the southwest of Pala Del Norte Road was built by 1976 and the residence to the east of Pala Del Norte Road was built by 1995.

## **5.2.3 Hazardous Substances and Petroleum Products in Connection with Identified Uses**

The Subject Property is not listed in any hazardous material databases searched. According to Jeffery Sykes, Land Management Supervisor for SDG&E, herbicides and pesticides could potentially have been applied to the citrus trees or the ground surface, however, nothing had been used in at least the last 5 years. Mr. Sykes also said that the caretaker could possibly use small quantities of household chemicals, but otherwise, no hazardous substances were ever used.

## **5.2.4 Storage Tanks**

Two ASTs were observed on the west end of the storage facility and appear to be utilized for storing water (based on tank construction material, and plastic water piping connected to both tanks). Mr. Sykes reported that only water tanks were ever present at the site. No other ASTs were observed onsite and no evidence of underground storage tanks (USTs) was observed.

## **5.2.5 Odors**

No strong and/or objectionable odors were observed during the site reconnaissance.

## **5.2.6 Pools of Liquid**

No pools of liquid were observed during the site reconnaissance.

## **5.2.7 Drums**

At least six rusting 55-gallon drums were noted in the storage facility area. The drums appeared to be on pallets but no labels were visible. No evidence of leaking was observed around the drums.

### **5.2.15 Wells**

No monitoring wells were observed during the site reconnaissance. Potable water is provided by a groundwater well.

### **5.2.16 Septic Systems**

Mr. Sykes reported a septic system/leach field is utilized by the caretaker. He was not sure of the exact location.

### **5.2.17 Asbestos Containing Materials**

The structures located in the storage/site caretaker housing facility were built after the ban of Asbestos Containing Materials (ACM). The substation has warning signs regarding the potential presence of ACM.

### **5.2.8 Hazardous Substance and Petroleum Products Containers**

No containers of hazardous substances or petroleum products were observed.

### **5.2.9 Polychlorinated Biphenyls (PCBs)**

Pole mounted transformers were observed onsite during the site reconnaissance on the two transmission line poles located adjacent to the orchard fans. The age of these transformers is unknown and the presence of PCBs in connection with these pole mounted transformers is also unknown. The Pala Substation had warning signs pertaining to PCBs and the substation was not physically inspected. Therefore, the substation could contain one or more transformers. Furthermore, the old substation could also have contained one or more transformers as well.

### **5.2.10 Pits, Ponds, and Lagoons**

No pits, ponds or lagoons were observed during the site reconnaissance.

### **5.2.11 Stained Soil or Pavement**

No stained soil or pavement was observed during the site reconnaissance.

### **5.2.12 Stressed Vegetation**

No stressed vegetation was observed during the inspection other than the citrus orchards, which are not currently being maintained.

### **5.2.13 Solid Waste**

Solid waste piles were observed onsite in three locations, as discussed in Section 5.2. However, no chemical wastes were observed within any of the solid waste piles observed onsite.

### **5.2.14 Wastewater**

The site does not generate wastewater other than from the caretaker's residence. Mr. Sykes reported a septic system/leach field is present on the property but he was not sure of the exact location. Also, a stormdrain and manhole are located on the east side of the substation. The area around them appeared to be in good condition and did not show signs of staining.

## 6.0 INTERVIEWS

### 6.1 Interview with Owner's Representative

Mr. Jeffery Sykes, Land Management Supervisor for SDG&E, was interviewed on April 13, 2007 by Rachel Schmidt of TRC. Mr. Sykes answered questions about current and historical practices at the site, questions about waste management and provided general information regarding the Subject Property. He reported that the Subject Property had been purchased in 1970 from Robert and Gale Driscoll, who had used the property for agricultural purposes. Mr. Sykes did not know from whom the Driscolls purchased the property or how long they had it before SDG&E purchased it. The property had 20 acres of citrus trees at one time and has had a caretaker onsite for the last 10 years. In approximately 1978, Cal-Tech proposed to use a portion of the property to build a passive-test facility for testing solar technologies. Eight 16 x 16 foot buildings were built inside a compound for the purposes of these tests. Mr. Sykes reported that the testing was done from approximately 1979 to 1982, and the buildings were later converted into the caretaker's residence. Mr. Sykes reported that there have not been any spills or releases at the Subject Property. Otherwise, the potential use and storage of pesticides, herbicides, and household chemicals may have occurred. No hazardous substances were ever generated on the Subject Property, and no environmental cleanups have ever been reported. No petroleum or hydrocarbon products were reported to have been stored on the Subject Property.

### 6.2 Interviews with Government Agencies

Records concerning the Subject Property were requested from the following agencies:

- **Fire Authority** – TRC filed a Freedom of Information Law (FOIL) request regarding the Subject Property and has not yet received a response. An addendum to this report will be prepared if pertinent information regarding environmental issues is provided.
- **Regional Water Quality Control Board (RWQCB)** – TRC contacted the RWQCB regarding the Subject Property, however, they said they could not perform a file search without a street address.
- **San Diego Air Pollution Control District (SDAPCD)** – TRC contacted the SDAPCD regarding the Subject Property, however, they said they could not perform a file search without a street address.

- **County of San Diego** – TRC contacted the County regarding the Subject Property and was informed that there were two electrical permits at one time tied to the Subject Property. TRC asked for copies of those permits and was informed that the County did not have them, they only had a record that they existed.
- **Department of Toxic Substances Control (DTSC)** – TRC contacted the DTSC regarding the Subject Property. After a review of their files they were unable to find records pertaining to the Subject Property.

### **6.3 Interview with Owner**

As stated in Section 6.1, Mr. Jeffery Sykes, Land Management Supervisor for SDG&E, was interviewed on April 13, 2007 by Rachel Schmidt of TRC. Mr. Sykes answered questions about current and historical practices at the site, questions about waste management and provided general information regarding the Subject Property.

### **6.4 Other Interviews /Information Sources**

No other interviews were conducted. However, an EDR database search report was ordered for the facility as discussed earlier, and other historical information such as topographic maps and aerial photographs were ordered and reviewed.

## **7.0 FINDINGS AND OPINIONS**

The Subject Property is owned and occupied by SDG&E and is used for the operations of the Pala Substation, for the storage of equipment and materials and for the housing of a site caretaker. According to Mr. Jeffery Sykes, SDG&E Land Management Supervisor, no hazardous chemicals are stored or used onsite, and to his knowledge, no hazardous chemicals have ever been stored or generated onsite. The citrus orchard is not currently being maintained, and Mr. Sykes reported that although herbicides/pesticides could have been used on the orchard at one time, nothing had been applied in at least the last 5 years.

There are no nearby properties with reported violations and incidents that would impact the Subject Property. No RECs are expected as a result of impacts from nearby properties.

## **8.0 CONCLUSIONS**

TRC has performed a Phase I ESA in conformance with the scope and limitations of ASTM Practice E 1527-05 at the property occupied by SDG&E located in the 10300 block of Pala Road, SR-76, APN's 110-370-01 and 110-072-26, unincorporated San Diego County, California (Subject Property). Any exceptions to, or deletions from, this practice are described in Section 1.3 of this report. This assessment has revealed no evidence of Recognized Environmental Conditions in connection with the property except, based on the presence of the two pole mounted transformers located onsite and past potential herbicide/pesticide use on the citrus orchard, limited soil sampling is recommended. Limited soil sampling is also recommended in the storage areas and storage sheds for the presence of petroleum and hydrocarbon compounds.

## 9.0 ENVIRONMENTAL PROFESSIONAL STATEMENT

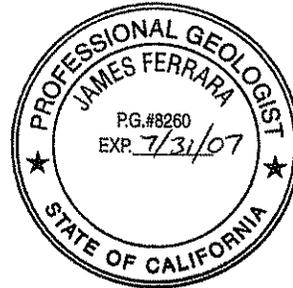
I declare that, to the best of my professional knowledge and belief, I meet the definition of *Environmental Professional* as defined in §312.10 of 40 CFR 312.

I have the specific qualifications based on education, training, and experience to assess a *property* of the nature, history, and setting of the subject *property*. I have developed and performed all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

April 30, 2007

Date April 30, 2007

Jim Ferrara  
Jim Ferrara, P.G., Senior Project Manager  
TRC



## **10.0 REFERENCES**

Environmental Data Resources, Inc. 2007. Radius Map with GeoCheck. Inquiry Number: 1890880.2s, March 29.

Environmental Data Resources, Inc. 2007. Aerial Photograph Print Service, photographs taken in 1939, 1946, 1953, 1963, 1976, 1989, 1995 and 2002. Inquiry Number: 1890880.5, April 2.

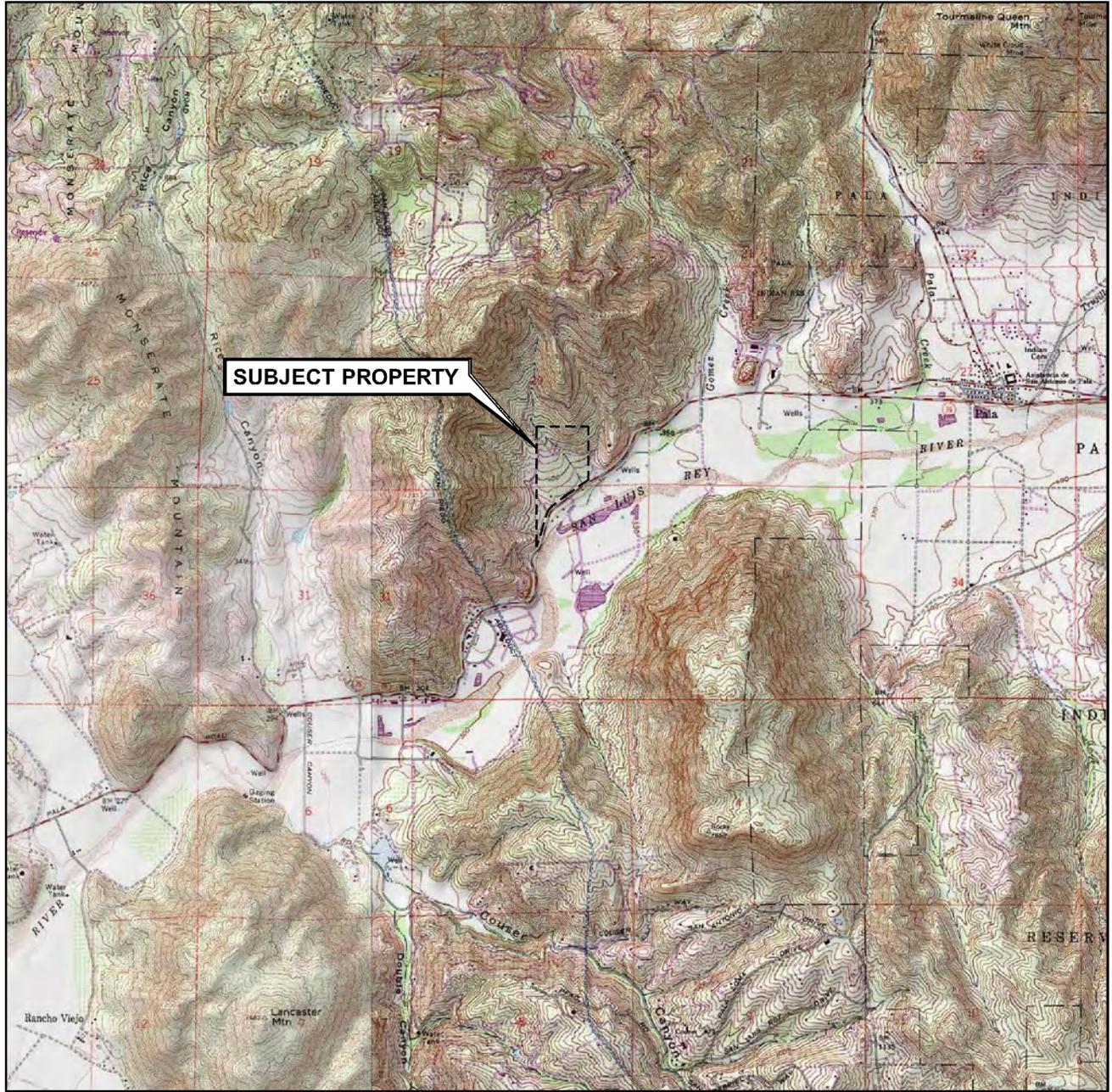
Environmental Data Resources, Inc. 2007. Sanborn Fire Insurance Map Search. Inquiry Number: 1890880.3, March 29.

Environmental Data Resources, Inc. 2007. Historic Topographic Map Report, maps prepared in 1904, 1947, 1950, 1968, Photorevised 1982, Photorevised 1988. Inquiry Number: 1890880.4. March 30.

Environmental Data Resources, Inc. 2007. City Directory Abstract. Inquiry Number: 1890880.6. April 2.

## **APPENDIX A**

### **FIGURES**



SOURCE:

United States Geological Survey  
7.5 Minute Topographic Map, 2000:  
Pala, Bonsall, Temecula,  
and Pechanga Quadrangles

0 1/2 1 1 1/2 2 MILES



SCALE 1:48,000



SITE LOCATION



PROJECT: 29031902

LOCATION:

10300 BLOCK OF PALA ROAD  
SAN DIEGO COUNTY, CALIFORNIA

VICINITY MAP

FIGURE 1



**SOURCE:**

Google Earth Professional, 2005.

APPROXIMATE SCALE (FEET)



PS=1:1 L:\Graphics\Projects\Number\29-xxxx\29-0319\PHASE 1 RPT\290319 PROPERTY.dwg Apr 13, 2007 - 5:02pm RCollins



PROJECT: 29031902

FACILITY:

10300 BLOCK OF PALA ROAD  
SAN DIEGO COUNTY, CALIFORNIA

**SUBJECT PROPERTY SITE LAYOUT**

**FIGURE 2**

**APPENDIX B**

**ASTM RADIUS REPORT  
HISTORICAL TOPOGRAPHICAL MAPS  
HISTORICAL AERIAL PHOTOGRAPHS  
SANBORN MAP SEARCH  
ENVIRONMENTAL LIEN SEARCH  
CITY DIRECTORY SEARCH**



**EDR**® Environmental  
Data Resources Inc

## **The EDR Radius Map with GeoCheck®**

**Orange Grove  
Hwy 76/Pala Del Norte Road  
Pala, CA 92059**

**Inquiry Number: 1890880.2s**

**March 29, 2007**

## **The Standard in Environmental Risk Information**

440 Wheelers Farms Road  
Milford, Connecticut 06461

### **Nationwide Customer Service**

Telephone: 1-800-352-0050  
Fax: 1-800-231-6802  
Internet: [www.edrnet.com](http://www.edrnet.com)

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*Thank you for your business.*  
Please contact EDR at 1-800-352-0050  
with any questions or comments.

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## EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-05) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

### TARGET PROPERTY INFORMATION

#### ADDRESS

HWY 76/PALA DEL NORTE ROAD  
PALA, CA 92059

#### COORDINATES

Latitude (North): 33.357800 - 33° 21' 28.1"  
Longitude (West): 117.111100 - 117° 6' 40.0"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 489663.4  
UTM Y (Meters): 3690767.0  
Elevation: 372 ft. above sea level

### USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 33117-C1 PALA, CA  
Most Recent Revision: 1988

North Map: 33117-D1 PECHANGA, CA  
Most Recent Revision: 1988

West Map: 33117-C2 BONSALL, CA  
Most Recent Revision: 1988

### TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

### DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

### FEDERAL RECORDS

**NPL**..... National Priority List  
**Proposed NPL**..... Proposed National Priority List Sites  
**Delisted NPL**..... National Priority List Deletions  
**NPL RECOVERY**..... Federal Superfund Liens

## EXECUTIVE SUMMARY

<b>CERCLIS</b> .....	Comprehensive Environmental Response, Compensation, and Liability Information System
<b>CERC-NFRAP</b> .....	CERCLIS No Further Remedial Action Planned
<b>CORRACTS</b> .....	Corrective Action Report
<b>RCRA-TSDF</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-LQG</b> .....	Resource Conservation and Recovery Act Information
<b>RCRA-SQG</b> .....	Resource Conservation and Recovery Act Information
<b>ERNS</b> .....	Emergency Response Notification System
<b>HMIRS</b> .....	Hazardous Materials Information Reporting System
<b>US ENG CONTROLS</b> .....	Engineering Controls Sites List
<b>US INST CONTROL</b> .....	Sites with Institutional Controls
<b>DOD</b> .....	Department of Defense Sites
<b>FUDS</b> .....	Formerly Used Defense Sites
<b>US BROWNFIELDS</b> .....	A Listing of Brownfields Sites
<b>CONSENT</b> .....	Superfund (CERCLA) Consent Decrees
<b>ROD</b> .....	Records Of Decision
<b>UMTRA</b> .....	Uranium Mill Tailings Sites
<b>ODI</b> .....	Open Dump Inventory
<b>TRIS</b> .....	Toxic Chemical Release Inventory System
<b>TSCA</b> .....	Toxic Substances Control Act
<b>FTTS</b> .....	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
<b>SSTS</b> .....	Section 7 Tracking Systems
<b>ICIS</b> .....	Integrated Compliance Information System
<b>US CDL</b> .....	Clandestine Drug Labs
<b>LUCIS</b> .....	Land Use Control Information System
<b>RADINFO</b> .....	Radiation Information Database
<b>PADS</b> .....	PCB Activity Database System
<b>MLTS</b> .....	Material Licensing Tracking System
<b>MINES</b> .....	Mines Master Index File
<b>FINDS</b> .....	Facility Index System/Facility Registry System
<b>RAATS</b> .....	RCRA Administrative Action Tracking System

### STATE AND LOCAL RECORDS

<b>HIST Cal-Sites</b> .....	Historical Calsites Database
<b>CA BOND EXP. PLAN</b> .....	Bond Expenditure Plan
<b>SCH</b> .....	School Property Evaluation Program
<b>Toxic Pits</b> .....	Toxic Pits Cleanup Act Sites
<b>SWF/LF</b> .....	Solid Waste Information System
<b>CA WDS</b> .....	Waste Discharge System
<b>WMUDS/SWAT</b> .....	Waste Management Unit Database
<b>Cortese</b> .....	"Cortese" Hazardous Waste & Substances Sites List
<b>SWRCY</b> .....	Recycler Database
<b>LUST</b> .....	Geotracker's Leaking Underground Fuel Tank Report
<b>CA FID UST</b> .....	Facility Inventory Database
<b>SLIC</b> .....	Statewide SLIC Cases
<b>UST</b> .....	Active UST Facilities
<b>HIST UST</b> .....	Hazardous Substance Storage Container Database
<b>AST</b> .....	Aboveground Petroleum Storage Tank Facilities
<b>SWEEPS UST</b> .....	SWEEPS UST Listing
<b>CHMIRS</b> .....	California Hazardous Material Incident Report System
<b>Notify 65</b> .....	Proposition 65 Records
<b>DEED</b> .....	Deed Restriction Listing
<b>VCP</b> .....	Voluntary Cleanup Program Properties

## EXECUTIVE SUMMARY

<b>CLEANERS</b> .....	Cleaner Facilities
<b>WIP</b> .....	Well Investigation Program Case List
<b>CDL</b> .....	Clandestine Drug Labs
<b>San Diego Co. HMMD</b> .....	Hazardous Materials Management Division Database
<b>RESPONSE</b> .....	State Response Sites
<b>HAZNET</b> .....	Facility and Manifest Data
<b>EMI</b> .....	Emissions Inventory Data
<b>ENVIROSTOR</b> .....	EnviroStor Database

### TRIBAL RECORDS

<b>INDIAN LUST</b> .....	Leaking Underground Storage Tanks on Indian Land
<b>INDIAN UST</b> .....	Underground Storage Tanks on Indian Land

### EDR PROPRIETARY RECORDS

<b>Manufactured Gas Plants</b> ...	EDR Proprietary Manufactured Gas Plants
<b>EDR Historical Auto Stations</b>	EDR Proprietary Historic Gas Stations
<b>EDR Historical Cleaners</b> .....	EDR Proprietary Historic Dry Cleaners

### SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

### TRIBAL RECORDS

**Indian Lands:** This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

A review of the INDIAN RESERV list, as provided by EDR, and dated 12/31/2005 has revealed that there is 1 INDIAN RESERV site within approximately 1 mile of the target property.

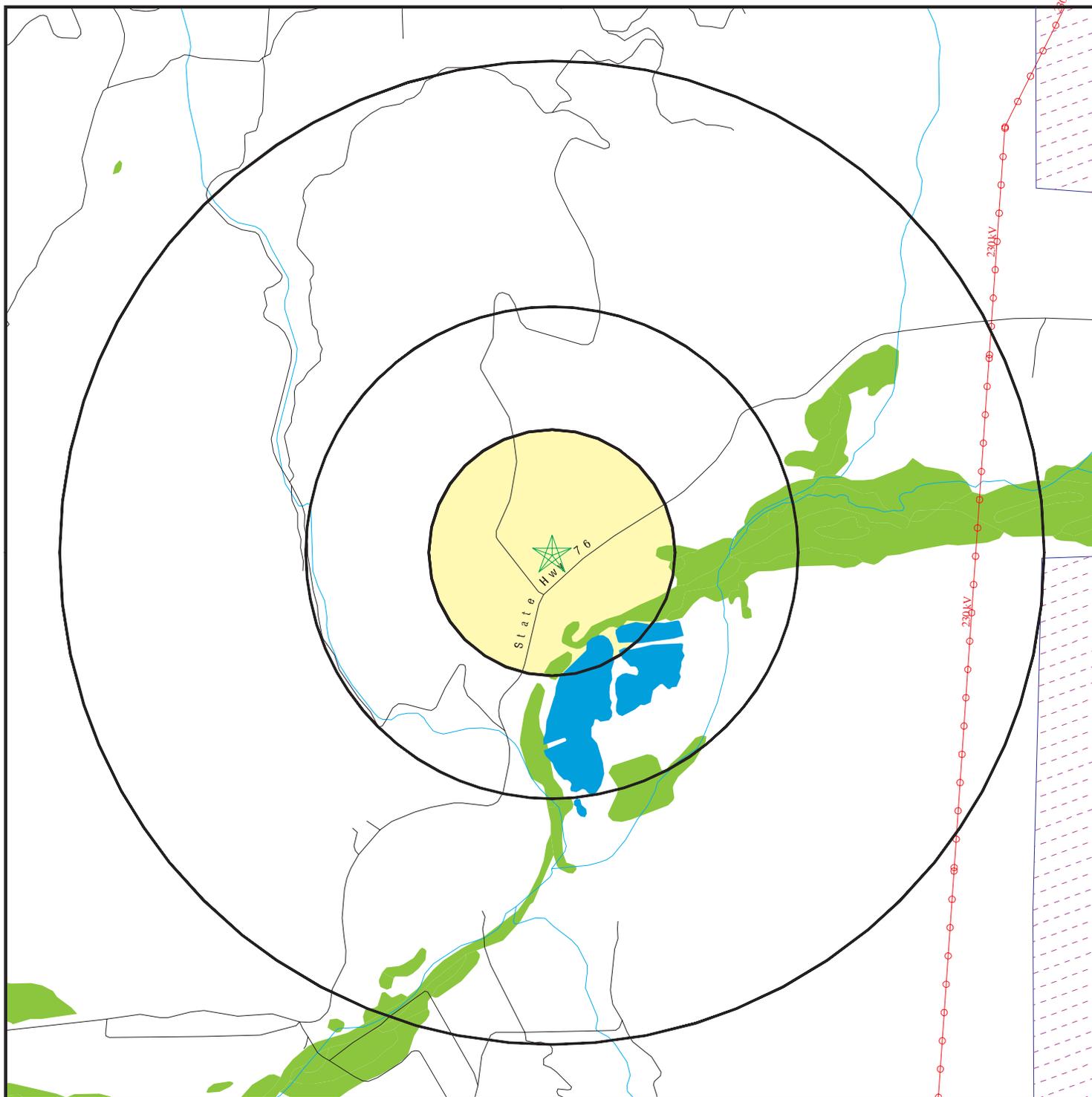
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Dist / Dir</u>	<u>Map ID</u>	<u>Page</u>
PALA INDIAN RESERVATION		1/2 - 1 E	0	6

## EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped:

<u>Site Name</u>	<u>Database(s)</u>
INDUSTRIAL ASPHALT PRODUCTS CAL-MAT PALA DUKER & DUKER	SWEEPS UST SWEEPS UST San Diego Co. HMMMD, SWEEPS UST
FALLBROOK ANNEX PALA INDIAN RESERVATION FALLBROOK BURNSITE	CERC-NFRAP CERC-NFRAP SWF/LF, San Diego Co. HMMMD
VALLEY CENTER LANDFILL RAINBOW FARM, LLC (MISSION SAN ANTONIO) PALA PACIFIC BELL (DB-119) PALA SITE	SWF/LF LUST HIST UST HIST UST HIST UST AST
MISSION INDIAN OXIDATION POND MISSION INDIAN SANIT LANDFILL BROWN BULK TRANSPORTATION INC ACORN MINI MARKET CALMAT / INDUSTRIAL ASPHALT PALA STORE PALA STORE	WMUDS/SWAT WMUDS/SWAT RCRA-SQG, FINDS INDIAN UST INDIAN UST INDIAN UST INDIAN LUST

# OVERVIEW MAP - 1890880.2s



★ Target Property

▲ Sites at elevations higher than or equal to the target property

◆ Sites at elevations lower than the target property

▲ Manufactured Gas Plants

■ National Priority List Sites

■ Landfill Sites

■ Dept. Defense Sites

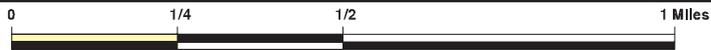
■ Indian Reservations BIA

⚡ Power transmission lines

⚡ Oil & Gas pipelines

■ National Wetland Inventory

■ Areas of Concern

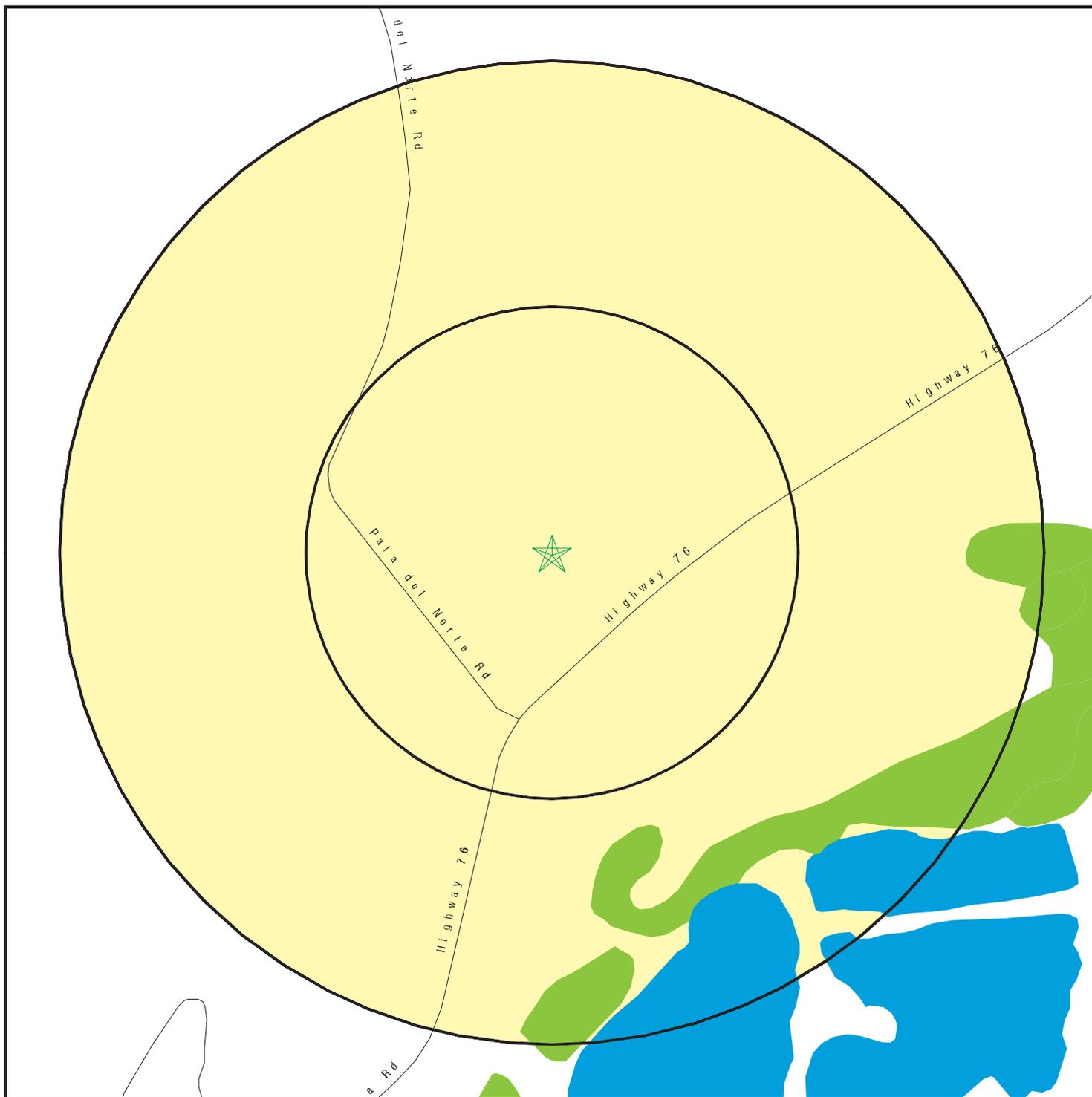


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Orange Grove  
 ADDRESS: Hwy 76/Pala Del Norte Road  
 Pala CA 92059  
 LAT/LONG: 33.3578 / 117.1111

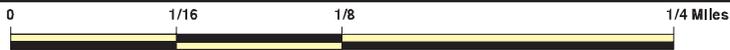
CLIENT: TRC Environmental Consultants  
 CONTACT: Rachel Schmidt  
 INQUIRY #: 1890880.2s  
 DATE: March 29, 2007 6:34 pm

# DETAIL MAP - 1890880.2s



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ⚙ Manufactured Gas Plants
- ⚡ Sensitive Receptors
- 🚚 National Priority List Sites
- 🗑 Landfill Sites
- 🏠 Dept. Defense Sites

- 🏠 Indian Reservations BIA
- 🛞 Oil & Gas pipelines
- 🌿 National Wetland Inventory
- 🔴 Areas of Concern



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: Orange Grove  
 ADDRESS: Hwy 76/Pala Del Norte Road  
 Pala CA 92059  
 LAT/LONG: 33.3578 / 117.1111

CLIENT: TRC Environmental Consultants  
 CONTACT: Rachel Schmidt  
 INQUIRY #: 1890880.2s  
 DATE: March 29, 2007 6:34 pm

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<b><u>FEDERAL RECORDS</u></b>								
NPL		1.000	0	0	0	0	NR	0
Proposed NPL		1.000	0	0	0	0	NR	0
Delisted NPL		1.000	0	0	0	0	NR	0
NPL RECOVERY	TP		NR	NR	NR	NR	NR	0
CERCLIS		0.500	0	0	0	NR	NR	0
CERC-NFRAP		0.500	0	0	0	NR	NR	0
CORRACTS		1.000	0	0	0	0	NR	0
RCRA TSD		0.500	0	0	0	NR	NR	0
RCRA Lg. Quan. Gen.		0.250	0	0	NR	NR	NR	0
RCRA Sm. Quan. Gen.		0.250	0	0	NR	NR	NR	0
ERNS	TP		NR	NR	NR	NR	NR	0
HMIRS	TP		NR	NR	NR	NR	NR	0
US ENG CONTROLS		0.500	0	0	0	NR	NR	0
US INST CONTROL		0.500	0	0	0	NR	NR	0
DOD		1.000	0	0	0	0	NR	0
FUDS		1.000	0	0	0	0	NR	0
US BROWNFIELDS		0.500	0	0	0	NR	NR	0
CONSENT		1.000	0	0	0	0	NR	0
ROD		1.000	0	0	0	0	NR	0
UMTRA		0.500	0	0	0	NR	NR	0
ODI		0.500	0	0	0	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
LUCIS		0.500	0	0	0	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
MINES		0.250	0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
<b><u>STATE AND LOCAL RECORDS</u></b>								
Hist Cal-Sites		1.000	0	0	0	0	NR	0
CA Bond Exp. Plan		1.000	0	0	0	0	NR	0
SCH		0.250	0	0	NR	NR	NR	0
Toxic Pits		1.000	0	0	0	0	NR	0
State Landfill		0.500	0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
WMUDS/SWAT		0.500	0	0	0	NR	NR	0
Cortese		0.500	0	0	0	NR	NR	0
SWRCY		0.500	0	0	0	NR	NR	0
LUST		0.500	0	0	0	NR	NR	0
CA FID UST		0.250	0	0	NR	NR	NR	0

## MAP FINDINGS SUMMARY

Database	Target Property	Search Distance (Miles)	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
SLIC		0.500	0	0	0	NR	NR	0
UST		0.250	0	0	NR	NR	NR	0
HIST UST		0.250	0	0	NR	NR	NR	0
AST		0.250	0	0	NR	NR	NR	0
SWEEPS UST		0.250	0	0	NR	NR	NR	0
CHMIRS	TP		NR	NR	NR	NR	NR	0
Notify 65		1.000	0	0	0	0	NR	0
DEED		0.500	0	0	0	NR	NR	0
VCP		0.500	0	0	0	NR	NR	0
DRYCLEANERS		0.250	0	0	NR	NR	NR	0
WIP		0.250	0	0	NR	NR	NR	0
CDL	TP		NR	NR	NR	NR	NR	0
San Diego Co. HMMD	TP		NR	NR	NR	NR	NR	0
RESPONSE		1.000	0	0	0	0	NR	0
HAZNET	TP		NR	NR	NR	NR	NR	0
EMI	TP		NR	NR	NR	NR	NR	0
ENVIROSTOR		1.000	0	0	0	0	NR	0
<b><u>TRIBAL RECORDS</u></b>								
INDIAN RESERV		1.000	0	0	0	1	NR	1
INDIAN LUST		0.500	0	0	0	NR	NR	0
INDIAN UST		0.250	0	0	NR	NR	NR	0
<b><u>EDR PROPRIETARY RECORDS</u></b>								
Manufactured Gas Plants		1.000	0	0	0	0	NR	0
EDR Historical Auto Stations		0.250	0	0	NR	NR	NR	0
EDR Historical Cleaners		0.250	0	0	NR	NR	NR	0

**NOTES:**

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Distance (ft.)  
 Elevation

Site

Database(s)

EDR ID Number  
 EPA ID Number

**IND RES**  
**Region**  
**East**  
**1/2-1**  
**5257 ft.**

**PALA INDIAN RESERVATION**  
**PALA INDIAN RESERVATION (County), CA**

**INDIAN RESERV**

**CIND100528**  
**N/A**

INDIAN RESERV:

Feature: Indian Reservation  
 Name: Pala Indian Reservation  
 Agency: BIA  
 State: CA

## ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
FALLBROOK	1003879096	FALLBROOK ANNEX	NAVAL WEAPONS STA SEAL BCH	92028	CERC-NFRAP
FALLBROOK	S107619890	RAINBOW FARM, LLC	0 PALA RD	92028	LUST
FALLBROOK	S102066289	FALLBROOK BURNSITE	STONEPOST WY	92028	SWF/LF, San Diego Co. HMMD
PALA	S106927505	INDUSTRIAL ASPHALT PRODUCTS	HWY 76 6MI E I-15	92059	SWEEPS UST
PALA	S106923790	CAL-MAT PALA	HWY 76 7MI E I-15	92059	SWEEPS UST
PALA	1009393223	ACORN MINI MARKET	HWY 76 & PALA MISSION ROAD	92059	INDIAN UST
PALA	1009393179	CALMAT / INDUSTRIAL ASPHALT	HIGHWAY 76 6.7 MILES EAST OF I-15	92059	INDIAN UST
PALA	1005415471	BROWN BULK TRANSPORTATION INC	12802 HWY 76	92059	RCRA-SQG, FINDS
PALA	U001572028	(MISSION SAN ANTONIO)	PO BOX 70	92059	HIST UST
PALA	1009394154	PALA STORE	P.O. BOX 154	92059	INDIAN LUST
PALA	1009393088	PALA STORE	P.O. BOX 154	92059	INDIAN UST
PALA	S100731624	DUKER & DUKER	HENDERSON RD	92059	San Diego Co. HMMD, SWEEPS UST
PALA	A100109443	PALA SITE	6.5 MILES E OF HWY 15	92059	AST
PALA, CA	S104156561	MISSION INDIAN OXIDATION POND	P.O. BOX 43	92059	WMUDS/SWAT
PALA, CA	S104156514	MISSION INDIAN SANIT LANDFILL	P.O. BOX 43	92059	WMUDS/SWAT
PALA INDIAN RESERVAT	U001572033	PALA	6.7 MI. E. OF I 15 ON ST. RT.	92059	HIST UST
PALA INDIAN RESERVATI	1007117511	PALA INDIAN RESERVATION	HIGHWAY 76 NEAR LILAC ROAD	92059	CERC-NFRAP
PAUMA VALLEY - PALA	U001572032	PACIFIC BELL (DB-119)	O U.S.HIGHWAY 76	92059	HIST UST
VALLEY CENTER	S105155595	VALLEY CENTER LANDFILL	28700 BLK AERIE RD.	92082	SWF/LF

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

**Number of Days to Update:** Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

## **FEDERAL RECORDS**

### **NPL: National Priority List**

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 01/25/2007	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

### **NPL Site Boundaries**

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)  
Telephone: 202-564-7333

EPA Region 1  
Telephone 617-918-1143

EPA Region 6  
Telephone: 214-655-6659

EPA Region 3  
Telephone 215-814-5418

EPA Region 7  
Telephone: 913-551-7247

EPA Region 4  
Telephone 404-562-8033

EPA Region 8  
Telephone: 303-312-6774

EPA Region 5  
Telephone 312-886-6686

EPA Region 9  
Telephone: 415-947-4246

EPA Region 10  
Telephone 206-553-8665

### **Proposed NPL: Proposed National Priority List Sites**

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 09/27/2006	Source: EPA
Date Data Arrived at EDR: 11/01/2006	Telephone: N/A
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 02/23/2007
Number of Days to Update: 21	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

### **DELISTED NPL: National Priority List Deletions**

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 12/28/2006	Source: EPA
Date Data Arrived at EDR: 01/31/2007	Telephone: N/A
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **NPL RECOVERY:** Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 03/26/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: No Update Planned

## **CERCLIS:** Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 11/28/2006	Source: EPA
Date Data Arrived at EDR: 12/19/2006	Telephone: 703-603-8960
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 03/21/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## **CERCLIS-NFRAP:** CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/20/2006	Source: EPA
Date Data Arrived at EDR: 01/29/2007	Telephone: 703-603-8960
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/19/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## **CORRACTS:** Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 01/04/2007	Source: EPA
Date Data Arrived at EDR: 01/18/2007	Telephone: 800-424-9346
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/05/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

## **RCRA:** Resource Conservation and Recovery Act Information

## GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. RCRAInfo replaces the data recording and reporting abilities of the Resource Conservation and Recovery Information System (RCRIS). The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month. Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month. Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. Transporters are individuals or entities that move hazardous waste from the generator off-site to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 06/13/2006	Source: EPA
Date Data Arrived at EDR: 06/28/2006	Telephone: 800-424-9346
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 02/27/2007
Number of Days to Update: 56	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

### **ERNS:** Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2006	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/24/2007	Telephone: 202-260-2342
Date Made Active in Reports: 03/12/2007	Last EDR Contact: 01/24/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Annually

### **HMIRS:** Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 11/28/2006	Source: U.S. Department of Transportation
Date Data Arrived at EDR: 01/17/2007	Telephone: 202-366-4555
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/17/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

### **US ENG CONTROLS:** Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 10/18/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/14/2006	Telephone: 703-603-8905
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 28	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

### **US INST CONTROL:** Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 01/24/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 703-603-8905
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/02/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DOD:** Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005	Source: USGS
Date Data Arrived at EDR: 11/10/2006	Telephone: 703-692-8801
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 02/08/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

## **FUDS:** Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2005	Source: U.S. Army Corps of Engineers
Date Data Arrived at EDR: 09/20/2006	Telephone: 202-528-4285
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 01/02/2007
Number of Days to Update: 63	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Varies

## **US BROWNFIELDS:** A Listing of Brownfields Sites

Included in the listing are brownfields properties addresses by Cooperative Agreement Recipients and brownfields properties addressed by Targeted Brownfields Assessments. Targeted Brownfields Assessments-EPA's Targeted Brownfields Assessments (TBA) program is designed to help states, tribes, and municipalities--especially those without EPA Brownfields Assessment Demonstration Pilots--minimize the uncertainties of contamination often associated with brownfields. Under the TBA program, EPA provides funding and/or technical assistance for environmental assessments at brownfields sites throughout the country. Targeted Brownfields Assessments supplement and work with other efforts under EPA's Brownfields Initiative to promote cleanup and redevelopment of brownfields. Cooperative Agreement Recipients--States, political subdivisions, territories, and Indian tribes become Brownfields Cleanup Revolving Loan Fund (BCRLF) cooperative agreement recipients when they enter into BCRLF cooperative agreements with the U.S. EPA. EPA selects BCRLF cooperative agreement recipients based on a proposal and application process. BCRLF cooperative agreement recipients must use EPA funds provided through BCRLF cooperative agreement for specified brownfields-related cleanup activities.

Date of Government Version: 10/17/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/20/2006	Telephone: 202-566-2777
Date Made Active in Reports: 12/13/2006	Last EDR Contact: 03/12/2007
Number of Days to Update: 54	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Semi-Annually

## **CONSENT:** Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/14/2004	Source: Department of Justice, Consent Decree Library
Date Data Arrived at EDR: 02/15/2005	Telephone: Varies
Date Made Active in Reports: 04/25/2005	Last EDR Contact: 02/06/2007
Number of Days to Update: 69	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Varies

## **ROD:** Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 01/10/2007	Source: EPA
Date Data Arrived at EDR: 01/24/2007	Telephone: 703-416-0223
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 03/27/2007
Number of Days to Update: 34	Next Scheduled EDR Contact: 07/02/2007
	Data Release Frequency: Annually

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **UMTRA:** Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 11/08/2006	Telephone: 505-845-0011
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 03/20/2007
Number of Days to Update: 82	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Varies

## **ODI:** Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/09/2004	Telephone: 800-424-9346
Date Made Active in Reports: 09/17/2004	Last EDR Contact: 06/09/2004
Number of Days to Update: 39	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **TRIS:** Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 06/22/2006	Telephone: 202-566-0250
Date Made Active in Reports: 08/23/2006	Last EDR Contact: 03/20/2007
Number of Days to Update: 62	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Annually

## **TSCA:** Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2002	Source: EPA
Date Data Arrived at EDR: 04/14/2006	Telephone: 202-260-5521
Date Made Active in Reports: 05/30/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 46	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Every 4 Years

## **FTTS:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 10/19/2006	Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 03/19/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## **FTTS INSP:** FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act) A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 10/19/2006	Source: EPA
Date Data Arrived at EDR: 10/27/2006	Telephone: 202-566-1667
Date Made Active in Reports: 11/22/2006	Last EDR Contact: 03/19/2007
Number of Days to Update: 26	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SSTS:** Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2004	Source: EPA
Date Data Arrived at EDR: 05/11/2006	Telephone: 202-564-4203
Date Made Active in Reports: 05/22/2006	Last EDR Contact: 01/29/2007
Number of Days to Update: 11	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

## **ICIS:** Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 02/13/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 04/21/2006	Telephone: 202-564-5088
Date Made Active in Reports: 05/11/2006	Last EDR Contact: 01/15/2007
Number of Days to Update: 20	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Quarterly

## **LUCIS:** Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005	Source: Department of the Navy
Date Data Arrived at EDR: 12/11/2006	Telephone: 843-820-7326
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 03/26/2007
Number of Days to Update: 31	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Varies

## **RADINFO:** Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/30/2007	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/31/2007	Telephone: 202-343-9775
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/31/2007
Number of Days to Update: 27	Next Scheduled EDR Contact: 04/30/2007
	Data Release Frequency: Quarterly

## **CDL:** Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 12/01/2006	Source: Drug Enforcement Administration
Date Data Arrived at EDR: 01/08/2007	Telephone: 202-307-1000
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 01/08/2007
Number of Days to Update: 3	Next Scheduled EDR Contact: 03/26/2007
	Data Release Frequency: Quarterly

## **PADS:** PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 10/17/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 43

Source: EPA  
Telephone: 202-566-0500  
Last EDR Contact: 03/02/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Annually

## **MLTS:** Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 01/11/2007  
Date Data Arrived at EDR: 01/26/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 32

Source: Nuclear Regulatory Commission  
Telephone: 301-415-7169  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Quarterly

## **MINES:** Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 11/15/2006  
Date Data Arrived at EDR: 12/28/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 32

Source: Department of Labor, Mine Safety and Health Administration  
Telephone: 303-231-5959  
Last EDR Contact: 03/28/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Semi-Annually

## **FINDS:** Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 01/18/2007  
Date Data Arrived at EDR: 01/23/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 35

Source: EPA  
Telephone: N/A  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Quarterly

## **RAATS:** RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995  
Date Data Arrived at EDR: 07/03/1995  
Date Made Active in Reports: 08/07/1995  
Number of Days to Update: 35

Source: EPA  
Telephone: 202-564-4104  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: No Update Planned

## **BRS:** Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2003  
Date Data Arrived at EDR: 06/17/2005  
Date Made Active in Reports: 08/04/2005  
Number of Days to Update: 48

Source: EPA/NTIS  
Telephone: 800-424-9346  
Last EDR Contact: 03/06/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Biennially

## STATE AND LOCAL RECORDS

### **HIST CAL-SITES:** Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005  
Date Data Arrived at EDR: 08/03/2006  
Date Made Active in Reports: 08/24/2006  
Number of Days to Update: 21

Source: Department of Toxic Substance Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: No Update Planned

### **CA BOND EXP. PLAN:** Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989  
Date Data Arrived at EDR: 07/27/1994  
Date Made Active in Reports: 08/02/1994  
Number of Days to Update: 6

Source: Department of Health Services  
Telephone: 916-255-2118  
Last EDR Contact: 05/31/1994  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **SCH:** School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 11/28/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 35

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/28/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Quarterly

### **TOXIC PITS:** Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995  
Date Data Arrived at EDR: 08/30/1995  
Date Made Active in Reports: 09/26/1995  
Number of Days to Update: 27

Source: State Water Resources Control Board  
Telephone: 916-227-4364  
Last EDR Contact: 01/29/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: No Update Planned

### **SWF/LF (SWIS):** Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inventory of solid waste disposal facilities or landfills. These may be active or inactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 12/11/2006  
Date Data Arrived at EDR: 12/13/2006  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 42

Source: Integrated Waste Management Board  
Telephone: 916-341-6320  
Last EDR Contact: 03/15/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **CA WDS:** Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 12/19/2006	Source: State Water Resources Control Board
Date Data Arrived at EDR: 12/19/2006	Telephone: 916-341-5227
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 03/21/2007
Number of Days to Update: 36	Next Scheduled EDR Contact: 06/18/2007
	Data Release Frequency: Quarterly

## **WMUDS/SWAT:** Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000	Source: State Water Resources Control Board
Date Data Arrived at EDR: 04/10/2000	Telephone: 916-227-4448
Date Made Active in Reports: 05/10/2000	Last EDR Contact: 03/05/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 06/04/2007
	Data Release Frequency: Quarterly

## **CORTESE:** "Cortese" Hazardous Waste & Substances Sites List

The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites). This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001	Source: CAL EPA/Office of Emergency Information
Date Data Arrived at EDR: 05/29/2001	Telephone: 916-323-3400
Date Made Active in Reports: 07/26/2001	Last EDR Contact: 01/22/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: No Update Planned

## **SWRCY:** Recycler Database

A listing of recycling facilities in California.

Date of Government Version: 01/08/2007	Source: Department of Conservation
Date Data Arrived at EDR: 01/09/2007	Telephone: 916-323-3836
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 01/09/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Quarterly

## **LUST:** Geotracker's Leaking Underground Fuel Tank Report

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 01/09/2007	Source: State Water Resources Control Board
Date Data Arrived at EDR: 01/09/2007	Telephone: 866-480-1028
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 03/27/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Quarterly

## **LUST REG 5:** Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 01/01/2007	Source: California Regional Water Quality Control Board Central Valley Region (5)
Date Data Arrived at EDR: 01/23/2007	Telephone: 916-464-4834
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/23/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **LUST REG 6V:** Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005

Source: California Regional Water Quality Control Board Victorville Branch Office (6)

Date Data Arrived at EDR: 06/07/2005

Telephone: 760-241-7365

Date Made Active in Reports: 06/29/2005

Last EDR Contact: 01/02/2007

Number of Days to Update: 22

Next Scheduled EDR Contact: 04/02/2007

Data Release Frequency: No Update Planned

## **LUST REG 8:** Leaking Underground Storage Tanks

California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005

Source: California Regional Water Quality Control Board Santa Ana Region (8)

Date Data Arrived at EDR: 02/15/2005

Telephone: 909-782-4496

Date Made Active in Reports: 03/28/2005

Last EDR Contact: 02/05/2007

Number of Days to Update: 41

Next Scheduled EDR Contact: 05/07/2007

Data Release Frequency: Varies

## **LUST REG 9:** Leaking Underground Storage Tank Report

Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001

Source: California Regional Water Quality Control Board San Diego Region (9)

Date Data Arrived at EDR: 04/23/2001

Telephone: 858-637-5595

Date Made Active in Reports: 05/21/2001

Last EDR Contact: 01/15/2007

Number of Days to Update: 28

Next Scheduled EDR Contact: 04/16/2007

Data Release Frequency: No Update Planned

## **LUST REG 7:** Leaking Underground Storage Tank Case Listing

Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)

Date Data Arrived at EDR: 02/26/2004

Telephone: 760-776-8943

Date Made Active in Reports: 03/24/2004

Last EDR Contact: 02/19/2007

Number of Days to Update: 27

Next Scheduled EDR Contact: 05/21/2007

Data Release Frequency: No Update Planned

## **LUST REG 6L:** Leaking Underground Storage Tank Case Listing

For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003

Source: California Regional Water Quality Control Board Lahontan Region (6)

Date Data Arrived at EDR: 09/10/2003

Telephone: 530-542-5572

Date Made Active in Reports: 10/07/2003

Last EDR Contact: 03/05/2007

Number of Days to Update: 27

Next Scheduled EDR Contact: 06/04/2007

Data Release Frequency: No Update Planned

## **LUST REG 4:** Underground Storage Tank Leak List

Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004

Source: California Regional Water Quality Control Board Los Angeles Region (4)

Date Data Arrived at EDR: 09/07/2004

Telephone: 213-576-6710

Date Made Active in Reports: 10/12/2004

Last EDR Contact: 03/27/2007

Number of Days to Update: 35

Next Scheduled EDR Contact: 06/25/2007

Data Release Frequency: No Update Planned

## **LUST REG 1:** Active Toxic Site Investigation

Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 02/01/2001  
Date Data Arrived at EDR: 02/28/2001  
Date Made Active in Reports: 03/29/2001  
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)  
Telephone: 707-570-3769  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: No Update Planned

## LUST REG 2: Fuel Leak List

Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-622-2433  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Quarterly

## LUST REG 3: Leaking Underground Storage Tank Database

Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003  
Date Data Arrived at EDR: 05/19/2003  
Date Made Active in Reports: 06/02/2003  
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-542-4786  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: No Update Planned

## CA FID UST: Facility Inventory Database

The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994  
Date Data Arrived at EDR: 09/05/1995  
Date Made Active in Reports: 09/29/1995  
Number of Days to Update: 24

Source: California Environmental Protection Agency  
Telephone: 916-341-5851  
Last EDR Contact: 12/28/1998  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## SLIC: Statewide SLIC Cases

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 15

Source: State Water Resources Control Board  
Telephone: 866-480-1028  
Last EDR Contact: 01/09/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Varies

## SLIC REG 1: Active Toxic Site Investigations

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003  
Date Data Arrived at EDR: 04/07/2003  
Date Made Active in Reports: 04/25/2003  
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)  
Telephone: 707-576-2220  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: No Update Planned

## SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/30/2004  
Date Data Arrived at EDR: 10/20/2004  
Date Made Active in Reports: 11/19/2004  
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)  
Telephone: 510-286-0457  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Quarterly

## **SLIC REG 3:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006  
Date Data Arrived at EDR: 05/18/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)  
Telephone: 805-549-3147  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Semi-Annually

## **SLIC REG 4:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004  
Date Data Arrived at EDR: 11/18/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)  
Telephone: 213-576-6600  
Last EDR Contact: 01/22/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: Varies

## **SLIC REG 5:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005  
Date Data Arrived at EDR: 04/05/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)  
Telephone: 916-464-3291  
Last EDR Contact: 01/03/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Semi-Annually

## **SLIC REG 6V:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005  
Date Data Arrived at EDR: 05/25/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch  
Telephone: 619-241-6583  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Semi-Annually

## **SLIC REG 6L:** SLIC Sites

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004  
Date Data Arrived at EDR: 09/07/2004  
Date Made Active in Reports: 10/12/2004  
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region  
Telephone: 530-542-5574  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: No Update Planned

## **SLIC REG 7:** SLIC List

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 11/24/2004  
Date Data Arrived at EDR: 11/29/2004  
Date Made Active in Reports: 01/04/2005  
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region  
Telephone: 760-346-7491  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: No Update Planned

## **SLIC REG 8:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/06/2006  
Date Data Arrived at EDR: 04/06/2006  
Date Made Active in Reports: 05/11/2006  
Number of Days to Update: 35

Source: California Region Water Quality Control Board Santa Ana Region (8)  
Telephone: 951-782-3298  
Last EDR Contact: 01/02/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Semi-Annually

## **SLIC REG 9:** Spills, Leaks, Investigation & Cleanup Cost Recovery Listing

The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/27/2006  
Date Data Arrived at EDR: 11/27/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 37

Source: California Regional Water Quality Control Board San Diego Region (9)  
Telephone: 858-467-2980  
Last EDR Contact: 03/12/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Annually

## **UST:** Active UST Facilities

Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 14

Source: SWRCB  
Telephone: 916-480-1028  
Last EDR Contact: 01/09/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Semi-Annually

## **UST MENDOCINO:** Mendocino County UST Database

A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 02/05/2007  
Date Data Arrived at EDR: 02/06/2007  
Date Made Active in Reports: 03/21/2007  
Number of Days to Update: 43

Source: Department of Public Health  
Telephone: 707-463-4466  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Varies

## **HIST UST:** Hazardous Substance Storage Container Database

The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990  
Date Data Arrived at EDR: 01/25/1991  
Date Made Active in Reports: 02/12/1991  
Number of Days to Update: 18

Source: State Water Resources Control Board  
Telephone: 916-341-5851  
Last EDR Contact: 07/26/2001  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

## **AST:** Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 02/09/2007  
Date Data Arrived at EDR: 02/09/2007  
Date Made Active in Reports: 03/23/2007  
Number of Days to Update: 42

Source: State Water Resources Control Board  
Telephone: 916-341-5712  
Last EDR Contact: 01/29/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **SWEEPS UST:** SWEEPS UST Listing

Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1980's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994	Source: State Water Resources Control Board
Date Data Arrived at EDR: 07/07/2005	Telephone: N/A
Date Made Active in Reports: 08/11/2005	Last EDR Contact: 06/03/2005
Number of Days to Update: 35	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

## **CHMIRS:** California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 12/31/2004	Source: Office of Emergency Services
Date Data Arrived at EDR: 11/30/2005	Telephone: 916-845-8400
Date Made Active in Reports: 01/19/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 50	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

## **NOTIFY 65:** Proposition 65 Records

Proposition 65 Notification Records. NOTIFY 65 contains facility notifications about any release which could impact drinking water and thereby expose the public to a potential health risk.

Date of Government Version: 10/21/1993	Source: State Water Resources Control Board
Date Data Arrived at EDR: 11/01/1993	Telephone: 916-445-3846
Date Made Active in Reports: 11/19/1993	Last EDR Contact: 01/15/2007
Number of Days to Update: 18	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: No Update Planned

## **DEED:** Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 01/15/2007	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 01/16/2007	Telephone: 916-323-3400
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/16/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 04/02/2007
	Data Release Frequency: Semi-Annually

## **VCP:** Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 11/28/2006	Source: Department of Toxic Substances Control
Date Data Arrived at EDR: 11/29/2006	Telephone: 916-323-3400
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 02/28/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **DRYCLEANERS:** Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 04/18/2005  
Date Data Arrived at EDR: 04/18/2005  
Date Made Active in Reports: 05/06/2005  
Number of Days to Update: 18

Source: Department of Toxic Substance Control  
Telephone: 916-327-4498  
Last EDR Contact: 03/23/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Annually

## **WIP:** Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 10/25/2006  
Date Data Arrived at EDR: 10/31/2006  
Date Made Active in Reports: 11/28/2006  
Number of Days to Update: 28

Source: Los Angeles Water Quality Control Board  
Telephone: 213-576-6726  
Last EDR Contact: 03/13/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: Varies

## **CDL:** Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 05/17/2006  
Date Data Arrived at EDR: 05/17/2006  
Date Made Active in Reports: 06/15/2006  
Number of Days to Update: 29

Source: Department of Toxic Substances Control  
Telephone: 916-255-6504  
Last EDR Contact: 02/26/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: Varies

## **RESPONSE:** State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 11/28/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 35

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/28/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Quarterly

## **HAZNET:** Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 11/20/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 44

Source: California Environmental Protection Agency  
Telephone: 916-255-1136  
Last EDR Contact: 02/06/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Annually

## **EMI:** Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 04/14/2006  
Date Made Active in Reports: 05/11/2006  
Number of Days to Update: 27

Source: California Air Resources Board  
Telephone: 916-322-2990  
Last EDR Contact: 01/19/2007  
Next Scheduled EDR Contact: 04/16/2007  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **ENVIROSTOR:** EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 11/28/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 35

Source: Department of Toxic Substances Control  
Telephone: 916-323-3400  
Last EDR Contact: 02/28/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Quarterly

## **TRIBAL RECORDS**

### **INDIAN RESERV:** Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 02/06/2006  
Date Made Active in Reports: 01/11/2007  
Number of Days to Update: 339

Source: USGS  
Telephone: 202-208-3710  
Last EDR Contact: 02/08/2007  
Next Scheduled EDR Contact: 05/07/2007  
Data Release Frequency: Semi-Annually

### **INDIAN LUST R1:** Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

### **INDIAN LUST R6:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 01/04/2005  
Date Data Arrived at EDR: 01/21/2005  
Date Made Active in Reports: 02/28/2005  
Number of Days to Update: 38

Source: EPA Region 6  
Telephone: 214-665-6597  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

### **INDIAN LUST R8:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 11/30/2006  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 52

Source: EPA Region 8  
Telephone: 303-312-6271  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Quarterly

### **INDIAN LUST R10:** Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 11/21/2006  
Date Data Arrived at EDR: 12/08/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 52

Source: EPA Region 10  
Telephone: 206-553-2857  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 02/21/2007  
Data Release Frequency: Quarterly

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

**INDIAN LUST R9:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 12/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 12/19/2006	Telephone: 415-972-3372
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 41	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN LUST R7:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 09/06/2006	Source: EPA Region 7
Date Data Arrived at EDR: 10/04/2006	Telephone: 913-551-7003
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN LUST R4:** Leaking Underground Storage Tanks on Indian Land  
LUSTs on Indian land in Florida, Minnesota, Mississippi and North Carolina.

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-8677
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R4:** Underground Storage Tanks on Indian Land

Date of Government Version: 08/24/2006	Source: EPA Region 4
Date Data Arrived at EDR: 09/11/2006	Telephone: 404-562-9424
Date Made Active in Reports: 11/08/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 58	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Semi-Annually

**INDIAN UST R10:** Underground Storage Tanks on Indian Land

Date of Government Version: 11/21/2006	Source: EPA Region 10
Date Data Arrived at EDR: 12/08/2006	Telephone: 206-553-2857
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN UST R5:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/02/2004	Source: EPA Region 5
Date Data Arrived at EDR: 12/29/2004	Telephone: 312-886-6136
Date Made Active in Reports: 02/04/2005	Last EDR Contact: 02/19/2007
Number of Days to Update: 37	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Varies

**INDIAN UST R8:** Underground Storage Tanks on Indian Land

Date of Government Version: 11/30/2006	Source: EPA Region 8
Date Data Arrived at EDR: 12/08/2006	Telephone: 303-312-6137
Date Made Active in Reports: 01/29/2007	Last EDR Contact: 02/19/2007
Number of Days to Update: 52	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Quarterly

**INDIAN UST R6:** Underground Storage Tanks on Indian Land

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 01/11/2007  
Date Data Arrived at EDR: 01/12/2007  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 17

Source: EPA Region 6  
Telephone: 214-665-7591  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Semi-Annually

## **INDIAN UST R1:** Underground Storage Tanks on Indian Land

A listing of underground storage tank locations on Indian Land.

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 12/01/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 59

Source: EPA, Region 1  
Telephone: 617-918-1313  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

## **INDIAN UST R7:** Underground Storage Tanks on Indian Land

Date of Government Version: 09/06/2006  
Date Data Arrived at EDR: 10/04/2006  
Date Made Active in Reports: 11/08/2006  
Number of Days to Update: 35

Source: EPA Region 7  
Telephone: 913-551-7003  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

## **INDIAN UST R9:** Underground Storage Tanks on Indian Land

Date of Government Version: 12/19/2006  
Date Data Arrived at EDR: 12/19/2006  
Date Made Active in Reports: 01/29/2007  
Number of Days to Update: 41

Source: EPA Region 9  
Telephone: 415-972-3368  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Quarterly

## **EDR PROPRIETARY RECORDS**

### **Manufactured Gas Plants:** EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### **EDR Historical Auto Stations:** EDR Proprietary Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc.

Date of Government Version: N/A  
Date Data Arrived at EDR: N/A  
Date Made Active in Reports: N/A  
Number of Days to Update: N/A

Source: EDR, Inc.  
Telephone: N/A  
Last EDR Contact: N/A  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: Varies

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **EDR Historical Cleaners: EDR Proprietary Historic Dry Cleaners**

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc.

Date of Government Version: N/A	Source: EDR, Inc.
Date Data Arrived at EDR: N/A	Telephone: N/A
Date Made Active in Reports: N/A	Last EDR Contact: N/A
Number of Days to Update: N/A	Next Scheduled EDR Contact: N/A
	Data Release Frequency: Varies

## **COUNTY RECORDS**

### **ALAMEDA COUNTY:**

#### **Contaminated Sites**

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 01/31/2007	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 02/02/2007	Telephone: 510-567-6700
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/22/2007
Number of Days to Update: 25	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Semi-Annually

#### **Underground Tanks**

Underground storage tank sites located in Alameda county.

Date of Government Version: 02/02/2007	Source: Alameda County Environmental Health Services
Date Data Arrived at EDR: 02/02/2007	Telephone: 510-567-6700
Date Made Active in Reports: 03/21/2007	Last EDR Contact: 01/22/2007
Number of Days to Update: 47	Next Scheduled EDR Contact: 04/23/2007
	Data Release Frequency: Semi-Annually

### **CONTRA COSTA COUNTY:**

#### **Site List**

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 11/28/2006	Source: Contra Costa Health Services Department
Date Data Arrived at EDR: 11/29/2006	Telephone: 925-646-2286
Date Made Active in Reports: 01/03/2007	Last EDR Contact: 02/26/2007
Number of Days to Update: 35	Next Scheduled EDR Contact: 05/28/2007
	Data Release Frequency: Semi-Annually

### **FRESNO COUNTY:**

#### **CUPA Resources List**

Certified Unified Program Agency. CUPA's are responsible for implementing a unified hazardous materials and hazardous waste management regulatory program. The agency provides oversight of businesses that deal with hazardous materials, operate underground storage tanks or aboveground storage tanks.

Date of Government Version: 01/13/2007	Source: Dept. of Community Health
Date Data Arrived at EDR: 01/16/2007	Telephone: 559-445-3271
Date Made Active in Reports: 02/27/2007	Last EDR Contact: 01/16/2007
Number of Days to Update: 42	Next Scheduled EDR Contact: 05/07/2007
	Data Release Frequency: Semi-Annually

### **KERN COUNTY:**

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Underground Storage Tank Sites & Tank Listing

Kern County Sites and Tanks Listing.

Date of Government Version: 12/06/2006  
Date Data Arrived at EDR: 12/07/2006  
Date Made Active in Reports: 01/04/2007  
Number of Days to Update: 28

Source: Kern County Environment Health Services Department  
Telephone: 661-862-8700  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

## LOS ANGELES COUNTY:

### San Gabriel Valley Areas of Concern

San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 12/31/1998  
Date Data Arrived at EDR: 07/07/1999  
Date Made Active in Reports: N/A  
Number of Days to Update: 0

Source: EPA Region 9  
Telephone: 415-972-3178  
Last EDR Contact: 05/16/2006  
Next Scheduled EDR Contact: N/A  
Data Release Frequency: No Update Planned

### HMS: Street Number List

Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 10/31/2006  
Date Data Arrived at EDR: 12/29/2006  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 26

Source: Department of Public Works  
Telephone: 626-458-3517  
Last EDR Contact: 11/13/2006  
Next Scheduled EDR Contact: 02/12/2007  
Data Release Frequency: Semi-Annually

### List of Solid Waste Facilities

Solid Waste Facilities in Los Angeles County.

Date of Government Version: 11/13/2006  
Date Data Arrived at EDR: 11/28/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 36

Source: La County Department of Public Works  
Telephone: 818-458-5185  
Last EDR Contact: 02/13/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Varies

### City of Los Angeles Landfills

Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/01/2006  
Date Data Arrived at EDR: 04/06/2006  
Date Made Active in Reports: 05/11/2006  
Number of Days to Update: 35

Source: Engineering & Construction Division  
Telephone: 213-473-7869  
Last EDR Contact: 03/14/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Varies

### Site Mitigation List

Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/04/2006  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 15

Source: Community Health Services  
Telephone: 323-890-7806  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Annually

### City of El Segundo Underground Storage Tank

Underground storage tank sites located in El Segundo city.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/14/2006  
Date Data Arrived at EDR: 12/15/2006  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 39

Source: City of El Segundo Fire Department  
Telephone: 310-524-2236  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Semi-Annually

## City of Long Beach Underground Storage Tank

Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003  
Date Data Arrived at EDR: 10/23/2003  
Date Made Active in Reports: 11/26/2003  
Number of Days to Update: 34

Source: City of Long Beach Fire Department  
Telephone: 562-570-2563  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Annually

## City of Torrance Underground Storage Tank

Underground storage tank sites located in the city of Torrance.

Date of Government Version: 02/20/2007  
Date Data Arrived at EDR: 02/21/2007  
Date Made Active in Reports: 03/21/2007  
Number of Days to Update: 28

Source: City of Torrance Fire Department  
Telephone: 310-618-2973  
Last EDR Contact: 02/12/2007  
Next Scheduled EDR Contact: 05/14/2007  
Data Release Frequency: Semi-Annually

## MARIN COUNTY:

### Underground Storage Tank Sites

Currently permitted USTs in Marin County.

Date of Government Version: 01/26/2007  
Date Data Arrived at EDR: 02/20/2007  
Date Made Active in Reports: 03/21/2007  
Number of Days to Update: 29

Source: Public Works Department Waste Management  
Telephone: 415-499-6647  
Last EDR Contact: 01/29/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: Semi-Annually

## NAPA COUNTY:

### Sites With Reported Contamination

A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/10/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 14

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Semi-Annually

### Closed and Operating Underground Storage Tank Sites

Underground storage tank sites located in Napa county.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/10/2007  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 13

Source: Napa County Department of Environmental Management  
Telephone: 707-253-4269  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Annually

## ORANGE COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## List of Industrial Site Cleanups

Petroleum and non-petroleum spills.

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 01/04/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 20

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 03/07/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Annually

## List of Underground Storage Tank Cleanups

Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 01/04/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 20

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 03/07/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

## List of Underground Storage Tank Facilities

Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 12/01/2006  
Date Data Arrived at EDR: 01/04/2007  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 19

Source: Health Care Agency  
Telephone: 714-834-3446  
Last EDR Contact: 03/07/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

## PLACER COUNTY:

### Master List of Facilities

List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 01/17/2007  
Date Data Arrived at EDR: 01/18/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 40

Source: Placer County Health and Human Services  
Telephone: 530-889-7312  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 06/18/2007  
Data Release Frequency: Semi-Annually

## RIVERSIDE COUNTY:

### Listing of Underground Tank Cleanup Sites

Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 02/06/2007  
Date Data Arrived at EDR: 02/07/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 20

Source: Department of Public Health  
Telephone: 951-358-5055  
Last EDR Contact: 01/15/2007  
Next Scheduled EDR Contact: 04/16/2007  
Data Release Frequency: Quarterly

### Underground Storage Tank Tank List

Underground storage tank sites located in Riverside county.

Date of Government Version: 02/06/2007  
Date Data Arrived at EDR: 02/07/2007  
Date Made Active in Reports: 03/21/2007  
Number of Days to Update: 42

Source: Health Services Agency  
Telephone: 951-358-5055  
Last EDR Contact: 01/15/2007  
Next Scheduled EDR Contact: 04/16/2007  
Data Release Frequency: Quarterly

## SACRAMENTO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Contaminated Sites

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 01/31/2007  
Date Data Arrived at EDR: 02/16/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 11

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 01/31/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: Quarterly

## ML - Regulatory Compliance Master List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 01/31/2007  
Date Data Arrived at EDR: 02/15/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 12

Source: Sacramento County Environmental Management  
Telephone: 916-875-8406  
Last EDR Contact: 01/31/2007  
Next Scheduled EDR Contact: 04/30/2007  
Data Release Frequency: Quarterly

## SAN BERNARDINO COUNTY:

### Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 01/04/2007  
Date Data Arrived at EDR: 01/05/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 19

Source: San Bernardino County Fire Department Hazardous Materials Division  
Telephone: 909-387-3041  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

## SAN DIEGO COUNTY:

### Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 05/16/2005  
Date Data Arrived at EDR: 05/18/2005  
Date Made Active in Reports: 06/16/2005  
Number of Days to Update: 29

Source: Hazardous Materials Management Division  
Telephone: 619-338-2268  
Last EDR Contact: 01/03/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Quarterly

### Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 11/01/2006  
Date Data Arrived at EDR: 01/03/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 21

Source: Department of Health Services  
Telephone: 619-338-2209  
Last EDR Contact: 02/19/2007  
Next Scheduled EDR Contact: 05/21/2007  
Data Release Frequency: Varies

## SAN FRANCISCO COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Local Oversight Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 12/21/2006  
Date Data Arrived at EDR: 12/22/2006  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 33

Source: Department Of Public Health San Francisco County  
Telephone: 415-252-3920  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

## Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 12/21/2006  
Date Data Arrived at EDR: 12/22/2006  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 32

Source: Department of Public Health  
Telephone: 415-252-3920  
Last EDR Contact: 03/05/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Quarterly

## SAN JOAQUIN COUNTY:

### San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 10/16/2006  
Date Data Arrived at EDR: 12/13/2006  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 41

Source: Environmental Health Department  
Telephone: N/A  
Last EDR Contact: 01/15/2007  
Next Scheduled EDR Contact: 04/16/2007  
Data Release Frequency: Semi-Annually

## SAN MATEO COUNTY:

### Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 01/24/2007  
Date Data Arrived at EDR: 01/25/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 33

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Annually

### Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 01/09/2007  
Date Data Arrived at EDR: 01/09/2007  
Date Made Active in Reports: 01/24/2007  
Number of Days to Update: 15

Source: San Mateo County Environmental Health Services Division  
Telephone: 650-363-1921  
Last EDR Contact: 01/08/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Semi-Annually

## SANTA CLARA COUNTY:

### HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005  
Date Data Arrived at EDR: 03/30/2005  
Date Made Active in Reports: 04/21/2005  
Number of Days to Update: 22

Source: Santa Clara Valley Water District  
Telephone: 408-265-2600  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: No Update Planned

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 09/29/2006  
Date Data Arrived at EDR: 10/02/2006  
Date Made Active in Reports: 10/25/2006  
Number of Days to Update: 23

Source: Department of Environmental Health  
Telephone: 408-918-3417  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Varies

## Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 12/07/2006  
Date Data Arrived at EDR: 12/07/2006  
Date Made Active in Reports: 01/03/2007  
Number of Days to Update: 27

Source: City of San Jose Fire Department  
Telephone: 408-277-4659  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 06/04/2007  
Data Release Frequency: Annually

## SOLANO COUNTY:

### Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 01/08/2007  
Date Data Arrived at EDR: 02/06/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 21

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Quarterly

### Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 01/02/2007  
Date Data Arrived at EDR: 01/16/2007  
Date Made Active in Reports: 01/23/2007  
Number of Days to Update: 7

Source: Solano County Department of Environmental Management  
Telephone: 707-784-6770  
Last EDR Contact: 03/26/2007  
Next Scheduled EDR Contact: 06/25/2007  
Data Release Frequency: Quarterly

## SONOMA COUNTY:

### Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 01/22/2007  
Date Data Arrived at EDR: 01/23/2007  
Date Made Active in Reports: 02/27/2007  
Number of Days to Update: 35

Source: Department of Health Services  
Telephone: 707-565-6565  
Last EDR Contact: 01/22/2007  
Next Scheduled EDR Contact: 04/23/2007  
Data Release Frequency: Quarterly

## SUTTER COUNTY:

### Underground Storage Tanks

Underground storage tank sites located in Sutter county.

Date of Government Version: 12/31/0005  
Date Data Arrived at EDR: 01/05/2006  
Date Made Active in Reports: 01/31/2006  
Number of Days to Update: 26

Source: Sutter County Department of Agriculture  
Telephone: 530-822-7500  
Last EDR Contact: 01/29/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Semi-Annually

## VENTURA COUNTY:

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## Business Plan, Hazardous Waste Producers, and Operating Underground Tanks

The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 11/28/2006	Source: Ventura County Environmental Health Division
Date Data Arrived at EDR: 01/09/2007	Telephone: 805-654-2813
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 03/14/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Quarterly

## Inventory of Illegal Abandoned and Inactive Sites

Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 08/01/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 09/05/2006	Telephone: 805-654-2813
Date Made Active in Reports: 10/05/2006	Last EDR Contact: 02/19/2007
Number of Days to Update: 30	Next Scheduled EDR Contact: 05/21/2007
	Data Release Frequency: Annually

## Listing of Underground Tank Cleanup Sites

Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 11/28/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 01/09/2007	Telephone: 805-654-2813
Date Made Active in Reports: 01/24/2007	Last EDR Contact: 03/14/2007
Number of Days to Update: 15	Next Scheduled EDR Contact: 06/11/2007
	Data Release Frequency: Quarterly

## Underground Tank Closed Sites List

Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 12/28/2006	Source: Environmental Health Division
Date Data Arrived at EDR: 01/23/2007	Telephone: 805-654-2813
Date Made Active in Reports: 03/21/2007	Last EDR Contact: 01/10/2007
Number of Days to Update: 57	Next Scheduled EDR Contact: 04/09/2007
	Data Release Frequency: Quarterly

## YOLO COUNTY:

### Underground Storage Tank Comprehensive Facility Report

Underground storage tank sites located in Yolo county.

Date of Government Version: 02/05/2007	Source: Yolo County Department of Health
Date Data Arrived at EDR: 02/20/2007	Telephone: 530-666-8646
Date Made Active in Reports: 03/21/2007	Last EDR Contact: 01/29/2007
Number of Days to Update: 29	Next Scheduled EDR Contact: 04/16/2007
	Data Release Frequency: Annually

## OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

### **CT MANIFEST:** Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 12/31/2004  
Date Data Arrived at EDR: 02/17/2006  
Date Made Active in Reports: 04/07/2006  
Number of Days to Update: 49

Source: Department of Environmental Protection  
Telephone: 860-424-3375  
Last EDR Contact: 03/16/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

## **NJ MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 01/01/2007  
Date Data Arrived at EDR: 01/04/2007  
Date Made Active in Reports: 02/13/2007  
Number of Days to Update: 40

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 01/04/2007  
Next Scheduled EDR Contact: 04/02/2007  
Data Release Frequency: Annually

## **NY MANIFEST:** Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 10/26/2006  
Date Data Arrived at EDR: 11/29/2006  
Date Made Active in Reports: 01/05/2007  
Number of Days to Update: 37

Source: Department of Environmental Conservation  
Telephone: 518-402-8651  
Last EDR Contact: 03/02/2007  
Next Scheduled EDR Contact: 05/28/2007  
Data Release Frequency: Annually

## **PA MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 06/06/2006  
Number of Days to Update: 81

Source: Department of Environmental Protection  
Telephone: N/A  
Last EDR Contact: 03/12/2007  
Next Scheduled EDR Contact: 06/11/2007  
Data Release Frequency: Annually

## **RI MANIFEST:** Manifest information

Hazardous waste manifest information

Date of Government Version: 04/11/2006  
Date Data Arrived at EDR: 10/31/2006  
Date Made Active in Reports: 12/18/2006  
Number of Days to Update: 48

Source: Department of Environmental Management  
Telephone: 401-222-2797  
Last EDR Contact: 03/19/2007  
Next Scheduled EDR Contact: 06/18/2007  
Data Release Frequency: Annually

## **WI MANIFEST:** Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2005  
Date Data Arrived at EDR: 03/17/2006  
Date Made Active in Reports: 05/02/2006  
Number of Days to Update: 46

Source: Department of Natural Resources  
Telephone: N/A  
Last EDR Contact: 02/06/2007  
Next Scheduled EDR Contact: 04/09/2007  
Data Release Frequency: Annually

**Oil/Gas Pipelines:** This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

## **Electric Power Transmission Line Data**

Source: PennWell Corporation  
Telephone: (800) 823-6277

This map includes information copyrighted by PennWell Corporation. This information is provided on a best effort basis and PennWell Corporation does not guarantee its accuracy nor warrant its fitness for any particular purpose. Such information has been reprinted with the permission of PennWell.

**Sensitive Receptors:** There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

# GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

## **AHA Hospitals:**

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

## **Medical Centers: Provider of Services Listing**

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

## **Nursing Homes**

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

## **Public Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

## **Private Schools**

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

## **Daycare Centers: Licensed Facilities**

Source: Department of Social Services

Telephone: 916-657-4041

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## **STREET AND ADDRESS INFORMATION**

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## GEOCHECK<sup>®</sup> - PHYSICAL SETTING SOURCE ADDENDUM

### TARGET PROPERTY ADDRESS

ORANGE GROVE  
HWY 76/PALA DEL NORTE ROAD  
PALA, CA 92059

### TARGET PROPERTY COORDINATES

Latitude (North): 33.35780 - 33° 21' 28.1"  
Longitude (West): 117.1111 - 117° 6' 40.0"  
Universal Transverse Mercator: Zone 11  
UTM X (Meters): 489663.4  
UTM Y (Meters): 3690767.0  
Elevation: 372 ft. above sea level

### USGS TOPOGRAPHIC MAP

Target Property Map: 33117-C1 PALA, CA  
Most Recent Revision: 1988

North Map: 33117-D1 PECHANGA, CA  
Most Recent Revision: 1988

West Map: 33117-C2 BONSALL, CA  
Most Recent Revision: 1988

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principle investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

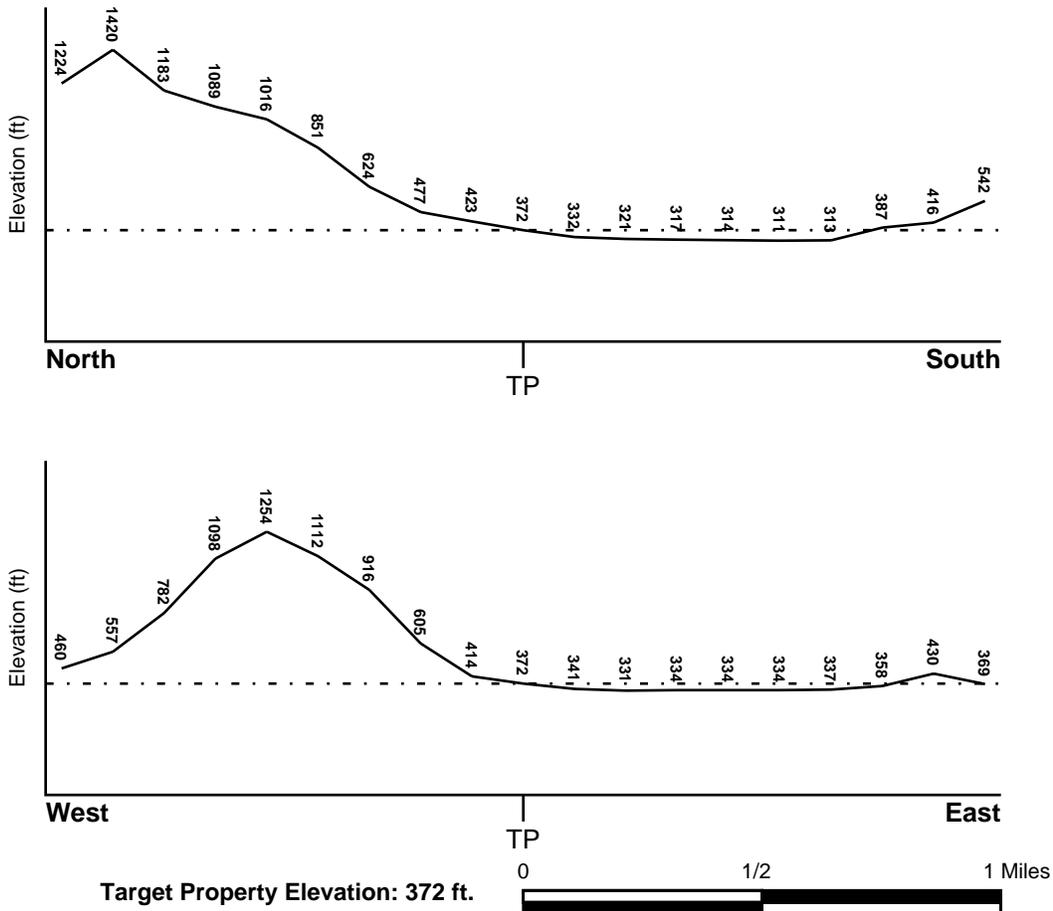
## TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

## TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General SE

## SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

## FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood Electronic Data</u>
SAN DIEGO, CA	Not Available

Flood Plain Panel at Target Property: Not Reported

Additional Panels in search area: Not Reported

## NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic Data Coverage</u>
PALA	YES - refer to the Overview Map and Detail Map

## HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

### *Site-Specific Hydrogeological Data\*:*

Search Radius:	1.25 miles
Status:	Not found

## AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION FROM TP</u>	<u>GENERAL DIRECTION GROUNDWATER FLOW</u>
Not Reported		

\* ©1996 Site-specific hydrogeological data gathered by CERCLIS Alerts, Inc., Bainbridge Island, WA. All rights reserved. All of the information and opinions presented are those of the cited EPA report(s), which were completed under a Comprehensive Environmental Response Compensation and Liability Information System (CERCLIS) investigation.

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

### GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

### GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

#### ROCK STRATIGRAPHIC UNIT

Era: Mesozoic  
System: Cretaceous  
Series: Cretaceous granitic rocks  
Code: Kg *(decoded above as Era, System & Series)*

#### GEOLOGIC AGE IDENTIFICATION

Category: Plutonic and Intrusive Rocks

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: LAS POSAS

Soil Surface Texture: stony - fine sandy loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Well drained. Soils have intermediate water holding capacity. Depth to water table is more than 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 20 inches

Depth to Bedrock Max: > 40 inches

## GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	stony - fine sandy loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	COARSE-GRAINED SOILS, Sands, Sands with fines, Clayey sand. COARSE-GRAINED SOILS, Sands, Sands with fines, Silty Sand.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 6.10
2	12 inches	32 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.20 Min: 0.06	Max: 7.80 Min: 6.60
3	32 inches	36 inches	weathered bedrock	Not reported	Not reported	Max: 0.00 Min: 0.00	Max: 0.00 Min: 0.00

### OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: fine sandy loam  
unweathered bedrock  
loam  
gravelly - coarse sand

Surficial Soil Types: fine sandy loam  
unweathered bedrock  
loam  
gravelly - coarse sand

Shallow Soil Types: No Other Soil Types

Deeper Soil Types: unweathered bedrock  
stratified

### LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

## **FEDERAL USGS WELL INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A2	USGS3127300	1/8 - 1/4 Mile East
B3	USGS3127304	1/8 - 1/4 Mile East
B4	USGS3127303	1/8 - 1/4 Mile East
B5	USGS3127305	1/8 - 1/4 Mile East
C8	USGS3127299	1/4 - 1/2 Mile East
D10	USGS3127285	1/4 - 1/2 Mile ESE
E15	USGS3127313	1/4 - 1/2 Mile East
E16	USGS3127314	1/4 - 1/2 Mile East
E17	USGS3127312	1/4 - 1/2 Mile East
E18	USGS3127315	1/4 - 1/2 Mile East
F19	USGS3127250	1/4 - 1/2 Mile SSE
21	USGS3127295	1/2 - 1 Mile East
22	USGS3127434	1/2 - 1 Mile SSW
G25	USGS3127427	1/2 - 1 Mile SSW
G26	USGS3127428	1/2 - 1 Mile SSW
H27	USGS3127147	1/2 - 1 Mile ENE
I29	USGS3127174	1/2 - 1 Mile ENE

## **FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION**

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No PWS System Found		

Note: PWS System location is not always the same as well location.

## **STATE DATABASE WELL INFORMATION**

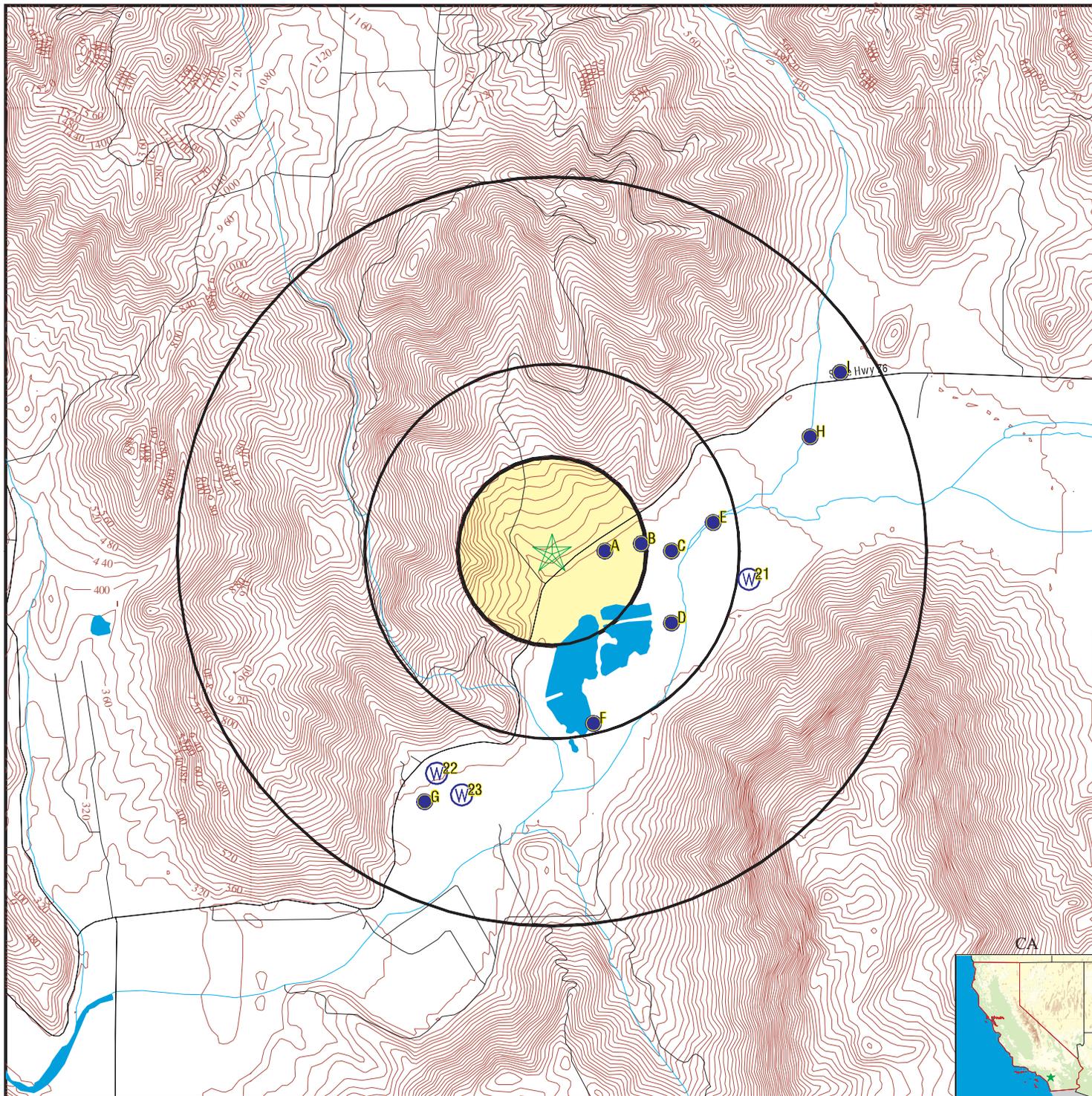
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A1	CADW00000002512	1/8 - 1/4 Mile East
B6	CADW00000002517	1/8 - 1/4 Mile East
B7	CADW00000002516	1/8 - 1/4 Mile East
C9	CADW00000002513	1/4 - 1/2 Mile East
D11	CADW00000002497	1/4 - 1/2 Mile ESE
E12	CADW00000002523	1/4 - 1/2 Mile East
E13	CADW00000002524	1/4 - 1/2 Mile East
E14	CADW00000002525	1/4 - 1/2 Mile East
F20	CADW00000002461	1/4 - 1/2 Mile SSE

# GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

## STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
23	9373	1/2 - 1 Mile SSW
G24	CADW00000002444	1/2 - 1 Mile SSW
H28	CADW00000002554	1/2 - 1 Mile ENE
I30	CADW00000002583	1/2 - 1 Mile ENE

# PHYSICAL SETTING SOURCE MAP - 1890880.2s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake Fault Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location
- Closest Hydrogeological Data
- Oil, gas or related wells



SITE NAME: Orange Grove  
 ADDRESS: Hwy 76/Pala Del Norte Road  
 Pala CA 92059  
 LAT/LONG: 33.3578 / 117.1111

CLIENT: TRC Environmental Consultants  
 CONTACT: Rachel Schmidt  
 INQUIRY #: 1890880.2s  
 DATE: March 29, 2007 6:34 pm

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
 Direction  
 Distance  
 Elevation

Database      EDR ID Number

**A1**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADW00000002512**

Longn:	-117.1078		
Latn:	33.3578		
Stwellno:	09S02W32A005S		
Districtco:	3		
Wellusecod:	Z		
Countycode:	37		
Gwcode:	950399	County:	San Diego
State:	CA	Gw name:	San Luis Rey Watershed
District:	Southern District		
Descriptio:	Undetermined		

**A2**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS3127300**

Agency cd:	USGS	Site no:	332128117062801
Site name:	009S002W32A005S		
Latitude:	332128		
Longitude:	1170628	Dec lat:	33.3578101
Dec lon:	-117.10864207	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	330.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	24.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-08-01	Ground water data end date:	1966-08-01
Ground water data count:	1		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	14.00	

**B3**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS3127304**

Agency cd:	USGS	Site no:	332129117062202
Site name:	009S002W32A003S		
Latitude:	332129		
Longitude:	1170622	Dec lat:	33.35808789
Dec lon:	-117.10697535	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	330.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19600101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	50.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-08-01	Ground water data end date:	1966-08-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	20.00	

**B4**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**FED USGS      USGS3127303**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332129117062201
Site name:	009S002W32A002S		
Latitude:	332129		
Longitude:	1170622	Dec lat:	33.35808789
Dec lon:	-117.10697535	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	330.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	12.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	0000-00-00	Water quality data end date:	0000-00-00
Water quality data count:	0		
Ground water data begin date:	1966-08-01	Ground water data end date:	1966-08-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	10.00	

**B5  
East  
1/8 - 1/4 Mile  
Lower**

**FED USGS USGS3127305**

Agency cd:	USGS	Site no:	332129117062203
Site name:	009S002W32A006S		
Latitude:	332129		
Longitude:	1170622	Dec lat:	33.35808789
Dec lon:	-117.10697535	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	335.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19520101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: Not Reported      Hole depth: Not Reported  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: 0  
 Daily flow data end date: 0000-00-00      Daily flow data begin date: 0000-00-00  
 Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00      Peak flow data end date: 0000-00-00  
 Peak flow data count: 0  
 Water quality data begin date: 1960-11-04  
 Water quality data end date: 1961-01-04      Water quality data count: 3  
 Ground water data begin date: 0000-00-00      Ground water data end date: 0000-00-00  
 Ground water data count: 0

Ground-water levels, Number of Measurements: 0

**B6**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADW00000002517**

Longn: -117.1061  
 Latn: 33.3581  
 Stwellno: 09S02W32A003S  
 Districtco: 3  
 Wellusecod: Z  
 Countycode: 37  
 Gwcode: 900700      County: San Diego  
 State: CA      Gw name: San Luis Rey Valley  
 District: Southern District  
 Descriptio: Undetermined

**B7**  
**East**  
**1/8 - 1/4 Mile**  
**Lower**

**CA WELLS      CADW00000002516**

Longn: -117.1061  
 Latn: 33.3581  
 Stwellno: 09S02W32A002S  
 Districtco: 3  
 Wellusecod: Z  
 Countycode: 37  
 Gwcode: 900700      County: San Diego  
 State: CA      Gw name: San Luis Rey Valley  
 District: Southern District  
 Descriptio: Undetermined

**C8**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3127299**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332128117061701
Site name:	009S002W32A004S		
Latitude:	332128		
Longitude:	1170617	Dec lat:	33.35781013
Dec lon:	-117.10558642	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	330.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19630101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	117	Hole depth:	117
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-08-01	Ground water data end date:	1966-08-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	10.00	

**C9**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADW00000002513**

Longn:	-117.1047		
Latn:	33.3578		
Stwellno:	09S02W32A004S		
Districtco:	3		
Wellusecod:	Z		
Countycode:	37		
Gwcode:	900700	County:	San Diego
State:	CA	Gw name:	San Luis Rey Valley
District:	Southern District		
Descriptio:	Undetermined		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**D10**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3127285**

Agency cd:	USGS	Site no:	332118117061701
Site name:	009S002W32A001S		
Latitude:	332118		
Longitude:	1170617	Dec lat:	33.35503243
Dec lon:	-117.10558644	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	330.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1960-11-04
Water quality data end date:	1960-11-04	Water quality data count:	1
Ground water data begin date:	1966-08-01	Ground water data end date:	1985-12-26
Ground water data count:	90		

Ground-water levels, Number of Measurements: 90

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-12-26	11.80		1985-10-17	12.99	
1985-08-14	12.62		1985-06-06	11.44	
1985-05-01	10.83		1985-02-11	10.97	
1984-12-17	11.49		1984-11-06	12.14	
1984-08-29	12.23		1984-06-25	11.57	
1984-04-30	10.25		1984-02-15	10.84	
1983-12-08	9.10		1983-10-18	8.55	
1983-08-29	7.86		1983-07-08	7.77	
1983-02-25	8.17		1982-12-15	8.93	
1982-08-24	9.04		1982-07-02	8.49	
1982-04-13	7.00		1982-03-02	7.44	
1981-11-25	8.94		1981-10-16	8.72	
1981-09-16	8.80		1981-08-07	10.23	
1981-07-14	9.92		1981-06-03	8.42	
1981-04-07	8.39		1981-03-11	8.37	

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1981-02-18	8.99		1980-12-09	8.95	
1980-11-03	4.88		1980-10-08	4.43	
1980-07-30	3.67		1980-07-04	3.79	
1980-06-26	3.58		1980-05-14	4.09	
1980-04-03	3.91		1980-02-05	6.10	
1979-12-27	8.71		1979-11-16	8.27	
1979-10-17	8.42		1979-09-12	8.02	
1979-08-14	8.01		1979-07-18	7.90	
1979-06-13	7.57		1979-05-08	6.39	
1979-04-11	6.60		1979-03-20	8.17	
1979-02-05	8.95		1979-01-04	9.68	
1978-11-15	7.44		1978-10-11	8.38	
1978-09-07	7.55		1978-07-21	6.77	
1978-03-23	5.65		1978-01-27	6.75	
1977-12-20	10.32		1977-11-18	10.42	
1977-09-28	10.28		1977-08-26	9.98	
1977-07-22	9.60		1977-06-09	9.25	
1977-04-22	9.18		1977-03-23	9.15	
1977-02-03	9.13		1976-12-17	10.12	
1976-11-19	10.20		1976-10-07	10.16	
1976-09-03	10.34		1976-07-29	9.97	
1976-06-16	9.42		1976-03-30	8.55	
1976-01-21	9.39		1975-12-10	9.62	
1975-11-06	9.77		1975-09-26	9.64	
1975-08-26	9.27		1975-07-29	8.58	
1975-06-16	8.02		1975-05-22	8.92	
1975-04-22	7.81		1975-03-10	7.98	
1975-01-29	8.41		1972-09-29	7.33	
1972-04-19	6.18		1971-09-30	6.70	
1966-08-18	8.67		1966-08-01	9.00	

**D11**  
**ESE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADW00000002497**

Longn:                    -117.1047  
 Latn:                     33.355  
 Stwellno:                09S02W32A001S  
 Districtco:              3  
 Wellusecod:             Z  
 Countycode:             37  
 Gwcode:                 900700  
 State:                    CA  
 District:                 Southern District  
 Descriptio:              Undetermined

County:                    San Diego  
 Gw name:                 San Luis Rey Valley

**E12**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADW00000002523**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longn: -117.1028  
Latn: 33.3589  
Stwellno: 09S02W29R001S  
Districtco: 3  
Wellusecod: Z  
Countycode: 37  
Gwcode: 900700 County: San Diego  
State: CA Gw name: San Luis Rey Valley  
District: Southern District  
Descriptio: Undetermined

---

**E13**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS CADW00000002524**

Longn: -117.1028  
Latn: 33.3589  
Stwellno: 09S02W29R003S  
Districtco: 3  
Wellusecod: Z  
Countycode: 37  
Gwcode: 900700 County: San Diego  
State: CA Gw name: San Luis Rey Valley  
District: Southern District  
Descriptio: Undetermined

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**E14**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS CADW00000002525**

Longn: -117.1028  
Latn: 33.3589  
Stwellno: 09S02W29R004S  
Districtco: 3  
Wellusecod: Z  
Countycode: 37  
Gwcode: 900700 County: San Diego  
State: CA Gw name: San Luis Rey Valley  
District: Southern District  
Descriptio: Undetermined

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**E15**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS USGS3127313**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332132117061002
Site name:	009S002W29R002S		
Latitude:	332132		
Longitude:	1170610	Dec lat:	33.35892122
Dec lon:	-117.10364191	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	335.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Santa Margarita. California. Area = 731 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19670101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	59.0	Hole depth:	59.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data end date:	Not Reported	Water quality data begin date:	Not Reported
Ground water data begin date:	Not Reported	Water quality data count:	Not Reported
Ground water data count:	Not Reported	Ground water data end date:	Not Reported

Ground-water levels, Number of Measurements: 0

**E16**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3127314**

Agency cd:	USGS	Site no:	332132117061003
Site name:	009S002W29R003S		
Latitude:	332132		
Longitude:	1170610	Dec lat:	33.35892122
Dec lon:	-117.10364191	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	335.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Santa Margarita. California. Area = 731 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19670101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST



# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	10.00	

**E18**  
**East**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3127315**

Agency cd:	USGS	Site no:	332132117061004
Site name:	009S002W29R004S		
Latitude:	332132		
Longitude:	1170610	Dec lat:	33.35892122
Dec lon:	-117.10364191	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	335.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Santa Margarita. California. Area = 731 sq.mi.		
Topographic:	Not Reported		
Site type:	Ground-water other than Spring	Date construction:	19670101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	54.0	Hole depth:	54.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-09-01	Ground water data end date:	1971-09-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1971-09-01	7.00	

**F19**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**FED USGS      USGS3127250**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332104117063001
Site name:	009S002W32G001S		
Latitude:	332104		
Longitude:	1170630	Dec lat:	33.35114362
Dec lon:	-117.1091977	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	320.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0		
Daily flow data end date:	0000-00-00	Daily flow data begin date:	0000-00-00
Daily flow data count:	0		
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0		
Water quality data begin date:	1960-11-04	Water quality data count:	1
Water quality data end date:	1960-11-04	Ground water data begin date:	1985-05-01
Ground water data begin date:	1966-08-01	Ground water data end date:	1985-05-01
Ground water data count:	24		

Ground-water levels, Number of Measurements: 24

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1985-05-01	10.02		1984-11-14	10.55	
1984-04-30	9.82		1983-12-08	8.73	
1983-07-08	8.63		1982-12-15	8.82	
1982-03-02	7.09		1981-10-29	7.58	
1981-03-11	5.73		1980-10-08	5.88	
1980-05-14	6.05		1979-09-12	9.82	
1979-03-20	10.32		1978-10-12	9.85	
1978-03-23	5.97		1977-09-28	9.35	
1977-03-23	8.25		1976-08-06	8.53	
1976-03-30	7.84		1975-06-16	7.90	
1972-04-19	6.98		1971-09-30	7.56	
1966-08-19	10.50		1966-08-01	10.00	

**F20**  
**SSE**  
**1/4 - 1/2 Mile**  
**Lower**

**CA WELLS      CADW00000002461**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longn:	-117.1083		
Latn:	33.3511		
Stwellno:	09S02W32G001S		
Districtco:	3		
Wellusecod:	Z		
Countycode:	37		
Gwcode:	900700	County:	San Diego
State:	CA	Gw name:	San Luis Rey Valley
District:	Southern District		
Descriptio:	Undetermined		

**21  
East  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3127295**

Agency cd:	USGS	Site no:	332124117060701
Site name:	009S002W33D001S		
Latitude:	332124.2		
Longitude:	1170607.2	Dec lat:	33.35672222
Dec lon:	-117.102	Coor meth:	G
Coor accr:	5	Latlong datum:	NAD83
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	331		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Not Reported		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19780629
Date inventoried:	20040715	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	80	Hole depth:	95
Source of depth data:	driller		
Project number:	9677BHM22		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported		
Daily flow data begin date:	Not Reported		
Peak flow data begin date:	Not Reported		
Peak flow data count:	Not Reported		
Water quality data begin date:	Not Reported		
Water quality data end date:	Not Reported		
Ground water data begin date:	Not Reported		
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**22  
SSW  
1/2 - 1 Mile  
Lower**

**FED USGS      USGS3127434**

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332057117065601
Site name:	009S002W32Z001S		
Latitude:	332057		
Longitude:	1170656	Dec lat:	33.34919918
Dec lon:	-117.11642016	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	303.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported		
Daily flow data end date:	Not Reported	Daily flow data begin date:	Not Reported
Peak flow data begin date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data count:	Not Reported	Peak flow data end date:	Not Reported
Water quality data begin date:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**G23**  
**SSW**  
 1/2 - 1 Mile  
 Lower

**CA WELLS 9373**

**Water System Information:**

Prime Station Code:	09S/02W-32L01 S	User ID:	37C
FRDS Number:	3701785001	County:	San Diego
District Number:	67	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	332054.0 1170652.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	3701785		
System Name:	JOE LUCIO DAIRY		
Organization That Operates System:	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

**G24**  
**SSW**  
 1/2 - 1 Mile  
 Lower

**CA WELLS CADW0000002444**

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Longn: -117.1161  
 Latn: 33.3481  
 Stwellno: 09S02W32L001S  
 Districtco: 3  
 Wellusecod: Z  
 Countycode: 37  
 Gwcode: 900700  
 State: CA  
 District: Southern District  
 Descriptio: Undetermined

County: San Diego  
 Gw name: San Luis Rey Valley

**G25**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS    USGS3127427**

Agency cd:	USGS	Site no:	332053117065801
Site name:	009S002W32L001S		
Latitude:	332053		
Longitude:	1170658	Dec lat:	33.3480881
Dec lon:	-117.11697574	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	PALA	Map scale:	24000
Altitude:	310.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	19570101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	85.0	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1963-07-21
Water quality data end date:	1985-08-21	Water quality data count:	13
Ground water data begin date:	1966-08-01	Ground water data end date:	1966-08-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-08-01	13.00	

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID  
Direction  
Distance  
Elevation

Database      EDR ID Number

**G26**  
**SSW**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3127428**

Agency cd:	USGS	Site no:	332053117065802
Site name:	009S002W32L002S		
Latitude:	332053		
Longitude:	1170658	Dec lat:	33.3480881
Dec lon:	-117.11697574	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	310.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	66.0	Hole depth:	66.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

**H27**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

**FED USGS      USGS3127147**

Agency cd:	USGS	Site no:	332144117055401
Site name:	009S002W28N001S		
Latitude:	332144		
Longitude:	1170554	Dec lat:	33.36225449
Dec lon:	-117.0991973	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Altitude: 340.00  
 Altitude method: Interpolated from topographic map  
 Altitude accuracy: 10  
 Altitude datum: National Geodetic Vertical Datum of 1929  
 Hydrologic: San Luis Rey/Escondido. California. Area = 766 sq.mi.  
 Topographic: Valley flat  
 Site type: Ground-water other than Spring      Date construction: Not Reported  
 Date inventoried: Not Reported      Mean greenwich time offset: PST  
 Local standard time flag: Y  
 Type of ground water site: Single well, other than collector or Ranney type  
 Aquifer Type: Not Reported  
 Aquifer: Not Reported  
 Well depth: Not Reported      Hole depth: Not Reported  
 Source of depth data: Not Reported  
 Project number: Not Reported  
 Real time data flag: 0      Daily flow data begin date: 0000-00-00  
 Daily flow data end date: 0000-00-00      Daily flow data count: 0  
 Peak flow data begin date: 0000-00-00      Peak flow data end date: 0000-00-00  
 Peak flow data count: 0      Water quality data begin date: 1953-07-10  
 Water quality data end date: 1959-08-03      Water quality data count: 8  
 Ground water data begin date: 1966-09-01      Ground water data end date: 1966-09-01  
 Ground water data count: 1

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1966-09-01	13.00	

**H28**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

CA WELLS      CADW00000002554

Longn:	-117.0983		
Latn:	33.3622		
Stwellno:	09S02W28N001S		
Districtco:	3		
Wellusecod:	Z		
Countycode:	37		
Gwcode:	900700	County:	San Diego
State:	CA	Gw name:	San Luis Rey Valley
District:	Southern District		
Descriptio:	Undetermined		

**I29**  
**ENE**  
**1/2 - 1 Mile**  
**Lower**

FED USGS      USGS3127174

## GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Agency cd:	USGS	Site no:	332153117054901
Site name:	009S002W28L001S		
Latitude:	332153		
Longitude:	1170549	Dec lat:	33.36475443
Dec lon:	-117.09780835	Coor meth:	M
Coor accr:	U	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	073
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	350.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	10		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	San Luis ReyEscondido. California. Area = 766 sq.mi.		
Topographic:	Valley flat		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1967-02-01	Ground water data end date:	1967-02-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
-----		
1967-02-01	4.00	

**I30  
ENE  
1/2 - 1 Mile  
Lower**

**CA WELLS      CADW00000002583**

Longn:	-117.0969		
Latn:	33.3647		
Stwellno:	09S02W28L001S		
Districtco:	3		
Wellusecod:	Z		
Countycode:	37		
Gwcode:	900700	County:	San Diego
State:	CA	Gw name:	San Luis Rey Valley
District:	Southern District		
Descriptio:	Undetermined		

# GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS RADON

## AREA RADON INFORMATION

Federal EPA Radon Zone for SAN DIEGO County: 3

Note: Zone 1 indoor average level > 4 pCi/L.  
 : Zone 2 indoor average level  $\geq$  2 pCi/L and  $\leq$  4 pCi/L.  
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for SAN DIEGO COUNTY, CA

Number of sites tested: 30

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.677 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.400 pCi/L	100%	0%	0%
Basement	Not Reported	Not Reported	Not Reported	Not Reported

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## TOPOGRAPHIC INFORMATION

### **USGS 7.5' Digital Elevation Model (DEM)**

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

### **Scanned Digital USGS 7.5' Topographic Map (DRG)**

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

## HYDROLOGIC INFORMATION

**Flood Zone Data:** This data, available in select counties across the country, was obtained by EDR in 1999 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

**NWI:** National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

## HYDROGEOLOGIC INFORMATION

### **AQUIFLOW<sup>R</sup> Information System**

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

## GEOLOGIC INFORMATION

### **Geologic Age and Rock Stratigraphic Unit**

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

### **STATSGO: State Soil Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

### **SSURGO: Soil Survey Geographic Database**

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

# PHYSICAL SETTING SOURCE RECORDS SEARCHED

## LOCAL / REGIONAL WATER AGENCY RECORDS

### FEDERAL WATER WELLS

#### **PWS:** Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

#### **PWS ENF:** Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

#### **USGS Water Wells:** USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

### STATE RECORDS

#### **Water Well Database**

Source: Department of Water Resources

Telephone: 916-651-9648

#### **California Drinking Water Quality Database**

Source: Department of Health Services

Telephone: 916-324-2319

The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

## OTHER STATE DATABASE INFORMATION

#### **California Oil and Gas Well Locations**

Source: Department of Conservation

Telephone: 916-323-1779

### RADON

#### **State Database: CA Radon**

Source: Department of Health Services

Telephone: 916-324-2208

Radon Database for California

#### **Area Radon Information**

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

#### **EPA Radon Zones**

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

## PHYSICAL SETTING SOURCE RECORDS SEARCHED

### OTHER

**Airport Landing Facilities:** Private and public use landing facilities  
Source: Federal Aviation Administration, 800-457-6656

**Epicenters:** World earthquake epicenters, Richter 5 or greater  
Source: Department of Commerce, National Oceanic and Atmospheric Administration

**California Earthquake Fault Lines:** The fault lines displayed on EDR's Topographic map are digitized quaternary fault lines, prepared in 1975 by the United State Geological Survey. Additional information (also from 1975) regarding activity at specific fault lines comes from California's Preliminary Fault Activity Map prepared by the California Division of Mines and Geology.

### STREET AND ADDRESS INFORMATION

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